

TABLE 3 I					
Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
1	0.010368	vacuolar protein sorting 28 (yeast) (VPS28), mRNA /cds=(62,727) /gb=NM_016208 /gi=7705884 /ug=Hs.339697 /len=928	NM_016208	Hs.339697	NP_057292
10	0.02571	JTV1 gene (JTV1), mRNA /cds=(114,1076) /gb=NM_006303 /gi=11125769 /ug=Hs.301613 /len=1221	NM_006303	Hs.301613	NP_006294
18	0.02571	histone H1 (0)	X03473		
22	0.025072	54TMP (54tm) (=S83365 RAB5-interaction protein)	AF004876		NP_065203
23	0.042048	1-aminocyclopropane-1-carboxylate synthase (PHACS), mRNA /cds=(396,1901) /gb=NM_032592 /gi=14211920 /ug=Hs.126706 /len=2167	NM_032592	Hs.126706	NP_115981
65	0.012669	glycoprotein, synaptic 2 (GPSN2), mRNA /cds=(90,1016) /gb=NM_138501 /gi=24762237 /ug=Hs.306122 /len=1139	NM_138501	Hs.306122	NP_612510
83	0.026766	angiotensin II receptor-like 2 (AGTRL2), mRNA /cds=(1481,1696) /gb=NM_005162 /gi=6031157 /ug=Hs.433156 /len=1816	NM_005162	Hs.433156	NP_005153
97	0.027356	hypothetical protein BC009925 (LOC113246), mRNA /cds=(92,472) /gb=NM_138425 /gi=19923950 /ug=Hs.405913 /len=583	NM_138425	Hs.405913	NP_612434
100	0.036684	gene predicted from cDNA with a complete coding sequence (KIAA0105)= D14661.1	NM_004906		NP_690597
101	0.048502	conserved gene amplified in osteosarcoma (OS4), mRNA /cds=(306,1157) /gb=NM_005730 /gi=19923329 /ug=Hs.355816 /len=4833	NM_005730	Hs.355816	NP_005721
103	0.040325	supervillin (SVIL), transcript variant 2, mRNA /cds=(754,7398) /gb=NM_021738 /gi=11496981 /ug=Hs.154567 /len=8300	NM_021738	Hs.154567	NP_068506
132	0.046353	phosphatidylinositol glycan, class C (PIGC), transcript variant 1, mRNA /cds=(312,1205) /gb=NM_153747 /gi=24430185 /ug=Hs.433030 /len=1514	NM_153747	Hs.433030	NP_714969

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Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
133	0.040325	phosphodiesterase 2A, cGMP-stimulated (PDE2A), mRNA /cds=(162,2987) /gb=NM_002599 /gi=4505656 /ug=Hs.154437 /len=4240	NM_002599	Hs.154437	NP_002590
140	0.020104	yg33d08.s1 Soares infant brain 1NIB cDNA clone IMAGE:34540 3', mRNA sequence /clone=IMAGE:34540 /clone_end=3' /gb=R44968 /gi=824322 /ug=Hs.412527 /len=453	R44968	Hs.412527	
148	0.007267	wl84f02.x1 NCI_CGAP_Brn25 cDNA clone IMAGE:2431611 3', mRNA sequence /clone=IMAGE:2431611 /clone_end=3' /gb=AI884779 /gi=5589943 /ug=Hs.380770 /len=527	AI884779	Hs.380770	
186	0.016234	polymerase (DNA directed) iota (POLI), mRNA /cds=(65,2212) /gb=NM_007195 /gi=6005847 /ug=Hs.271699 /len=2484	NM_007195	Hs.271699	NP_009126
208	0.005681	ubiquitin-like 3 (UBL3), mRNA /cds=(110,463) /gb=NM_007106 /gi=6005927 /ug=Hs.173091 /len=3323	NM_007106	Hs.173091	NP_009037
211	0.002965	Splicing factor, arginine/serine-rich, 46kD (SRP46), mRNA /cds=(283,1131) /gb=NM_032102 /gi=15055542 /ug=Hs.155160 /len=2186	NM_032102	Hs.155160	NP_115285
218	0.030215	mRNA for KIAA0650 protein, partial cds. /cds=(1,2549) /gb=AB014550 /gi=3327113 /ug=Hs.8118 /len=5003	AB014550	Hs.8118	
229	0.024727	activating transcription factor 6 (ATF6), mRNA /cds=(43,2055) /gb=NM_007348 /gi=6671584 /ug=Hs.5813 /len=2474	NM_007348	Hs.5813	NP_031374
244	0.048502	protocadherin 18 (PCDH18), mRNA /cds=(388,3795) /gb=NM_019035 /gi=14589928 /ug=Hs.97266 /len=5157	NM_019035	Hs.97266	NP_061908
247	0.042188	G protein-coupled receptor Edg-2	Y09479		NP_476500
248	0.044259	hemoglobin, beta (HBB), mRNA /cds=(51,494) /gb=NM_000518 /gi=28302128 /ug=Hs.155376 /len=626	NM_000518	Hs.155376	NP_000509
254	0.033319	cytoplasmic FMR1 interacting protein 1 (CYFIP1), mRNA /cds=(53,3814) /gb=NM_014608 /gi=24307968 /ug=Hs.77257 /len=4394	NM_014608	Hs.77257	NP_055423

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Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
264	0.048502	zinc finger protein 22 (KOX 15) (ZNF22), mRNA /cds=(90,779) /gb=NM_006963 /gi=5902159 /ug=Hs.108642 /len=798	NM_006963	Hs.108642	NP_008894
285	0.033319	torsin family 1, member B (torsin B) (TOR1B), mRNA /cds=(61,1071) /gb=NM_014506 /gi=14149652 /ug=Hs.252682 /len=2774	NM_014506	Hs.252682	NP_055321
311	0.048502	Ankhn mRNA,	AB011370		NP_033801
317	0.048502	J domain containing protein 1 (JDP1), mRNA /cds=(154,750) /gb=NM_021800 /gi=11141870 /ug=Hs.260720 /len=1203	NM_021800	Hs.260720	NP_068572
328	0.016234	EST(yj40f11.r1 clone 151245 5')	H02533		NP_705833
336	0.040325	mRNA for KIAA0570 protein, partial cds. /cds=(480,10718) /gb=AB011142 /gi=20521084 /ug=Hs.180948 /len=11269	AB011142	Hs.180948	
422	0.040325	mRNA; cDNA DKFZp686C117 (from clone DKFZp686C117) /gb=AL832773 /gi=21733355 /ug=Hs.433512 /len=5984	AL832773	Hs.433512	
468	0.030215	hypothetical protein (KIAA1333)	AB037754		NP_060239
480	0.044069	heparin-binding neurite outgrowth promoting factor (genomic sequence)	S60110		
483	0.035609	DXS8237E (=D50912 hypothetical protein (KIAA0122))	U35373		NP_690595
484	0.028538	troponin T1, skeletal, slow (TNNT1), mRNA /cds=(149,904) /gb=NM_003283 /gi=21359857 /ug=Hs.73980 /len=1018	NM_003283	Hs.73980	NP_003274
485	0.036684	GNAS complex locus (GNAS), transcript variant 3, mRNA /cds=(1,2730) /gb=NM_080425 /gi=18426897 /ug=Hs.374523 /len=3091	NM_080425	Hs.374523	NP_536351
489	0.044069	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide (YWHAE), mRNA /cds=(80,847) /gb=NM_006761 /gi=21328449 /ug=Hs.79474 /len=1776	NM_006761	Hs.79474	NP_006752
492	0.027895	cytochrome c oxidase subunit VIIc (COX7C), nuclear gene encoding mitochondrial protein, mRNA /cds=(90,281) /gb=NM_001867 /gi=18105039 /ug=Hs.430075 /len=448	NM_001867	Hs.430075	NP_001858

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Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
515	0.035609	ribosomal protein L13 (RPL13), transcript variant 2, mRNA /cds=(238,873) /gb=NM_033251 /gi=15431294 /ug=Hs.431392 /len=1296	NM_033251	Hs.431392	NP_150254
519	0.030468	splicing factor (45kD) (SPF45), mRNA /cds=(148,1353) /gb=NM_032905 /gi=14249677 /ug=Hs.107001 /len=1566	NM_032905	Hs.107001	NP_116294
531	0.014265	tumor rejection antigen (gp96) 1 (TRA1), mRNA /cds=(106,2517) /gb=NM_003299 /gi=4507676 /ug=Hs.82689 /len=2780	NM_003299	Hs.82689	NP_003290
533	0.027356	hemoglobin, gamma G (HBG2), mRNA /cds=(54,497) /gb=NM_000184 /gi=28302132 /ug=Hs.386655 /len=583	NM_000184	Hs.386655	NP_000175
560	0.017207	quiescin Q6 (QSCN6), mRNA /cds=(76,2319) /gb=NM_002826 /gi=13325074 /ug=Hs.77266 /len=3314	NM_002826	Hs.77266	NP_002817
602	0.020912	helicase with zinc finger domain (HELZ), mRNA /cds=(146,5974) /gb=NM_014877 /gi=7661883 /ug=Hs.3085 /len=6274	NM_014877	Hs.3085	NP_055692
647	0.046353	xu91a05.x1 NCI_CGAP_Ut2 cDNA clone IMAGE:2809040 3', mRNA sequence /clone=IMAGE:2809040 /clone_end=3' /gb=AW515080 /gi=7153162 /ug=Hs.180241 /len=487	AW515080	Hs.180241	
651	0.030215	B lymphoma Mo-MLV insertion region (mouse) (BMI1), mRNA /cds=(515,1495) /gb=NM_005180 /gi=27883841 /ug=Hs.380403 /len=3260	NM_005180	Hs.380403	NP_005171
659	0.038336	mRNA; cDNA DKFZp564F053 (from clone DKFZp564F053) /gb=AL049265 /gi=4500013 /ug=Hs.71968 /len=2864	AL049265	Hs.71968	
682	0.010368	alpha endosulfine	AF157509		NP_004427
684	0.009227	tumor necrosis factor receptor superfamily, member 1A (TNFRSF1A), mRNA /cds=(282,1649) /gb=NM_001065 /gi=23312372 /ug=Hs.159 /len=2236	NM_001065	Hs.159	NP_001056
689	0.016234	PTK2 protein tyrosine kinase 2 (PTK2), transcript variant 1, mRNA /cds=(231,3389) /gb=NM_153831 /gi=27886591 /ug=Hs.740 /len=4453	NM_153831	Hs.740	NP_722560

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690	0.008196	mRNA for KIAA0518 protein, partial cds. /cds=(1,1953) /gb=AB011090 /gi=3043559 /ug=Hs.23763 /len=4617	AB011090	Hs.23763	
697	0.020104	interferon, alpha-inducible protein (clone IFI-6-16) (G1P3), transcript variant 3, mRNA /cds=(108,524) /gb=NM_022873 /gi=13259549 /ug=Hs.265827 /len=841	NM_022873	Hs.265827	NP_075011
711	0.044259	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9, 39kDa (NDUFA9), mRNA /cds=(20,1153) /gb=NM_005002 /gi=20127470 /ug=Hs.75227 /len=1343	NM_005002	Hs.75227	NP_004993
712	0.01302	KIAA1224	AB033050		
730	0.044259	PTD016 protein (LOC51136), mRNA /cds=(183,809) /gb=NM_016125 /gi=21361528 /ug=Hs.30154 /len=1917	NM_016125	Hs.30154	NP_057209
747	0.040325	stanniocalcin 1 (STC1), mRNA /cds=(285,1028) /gb=NM_003155 /gi=4507264 /ug=Hs.25590 /len=3901	NM_003155	Hs.25590	NP_003146
753	0.003869	aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase (AASDHPPT), mRNA /cds=(147,1076) /gb=NM_015423 /gi=20357567 /ug=Hs.64595 /len=2880	NM_015423	Hs.64595	NP_056238
771	0.020104	zinc finger protein (ZFD25) (62% aa)	AB027251		NP_057304
775	0.018081	cofilin isoform 1	AF134802		NP_068733
786	0.040325	syntaxin 8 (STX8), mRNA /cds=(151,861) /gb=NM_004853 /gi=4759187 /ug=Hs.380938 /len=979	NM_004853	Hs.380938	NP_004844
789	0.010368	LPS-responsive vesicle trafficking, beach and anchor containing (LRBA), mRNA /cds=(245,8836) /gb=NM_006726 /gi=16904380 /ug=Hs.62354 /len=9909	NM_006726	Hs.62354	NP_006717
811	0.002965	sterol carrier protein 2 (SCP2), mRNA /cds=(22,1665) /gb=NM_002979 /gi=19923232 /ug=Hs.75760 /len=2572	NM_002979	Hs.75760	NP_002970
816	0.01302	X-ray repair complementing defective repair in Chinese hamster cells 4 (XRCC4), transcript variant 3, mRNA /cds=(176,1180) /gb=NM_022550 /gi=12408648 /ug=Hs.150930 /len=1707	NM_022550	Hs.150930	NP_072044

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833	0.016234	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3, 12kDa (NDUFB3), mRNA /cds=(253,549) /gb=NM_002491 /gi=4505360 /ug=Hs.109760 /len=693	NM_002491	Hs.109760	NP_002482
834	0.024727	tetraspan 3 (TSPAN-3), mRNA /cds=(218,979) /gb=NM_005724 /gi=21264581 /ug=Hs.100090 /len=1842	NM_005724	Hs.100090	NP_005715
857	0.027356	mitochondrial carrier 1 (MTCH1), nuclear gene encoding mitochondrial protein, mRNA /cds=(1,1119) /gb=NM_014341 /gi=7657344 /ug=Hs.279939 /len=1890	NM_014341	Hs.279939	NP_055156
879	0.044259	laminin, beta 1 (LAMB1), mRNA /cds=(336,5696) /gb=NM_002291 /gi=4504950 /ug=Hs.82124 /len=5831	NM_002291	Hs.82124	NP_002282
880	0.016234	mRNA; cDNA DKFZp667D087 (from clone DKFZp667D087) /gb=AL833217 /gi=21733848 /ug=Hs.348420 /len=3440	AL833217	Hs.348420	
881	0.005008	CBF1 interacting corepressor (CIR), mRNA /cds=(33,1388) /gb=NM_004882 /gi=21361177 /ug=Hs.89421 /len=1519	NM_004882	Hs.89421	NP_004873
882	0.048502	hypothetical protein H41 (H41), mRNA /cds=(324,1100) /gb=NM_017548 /gi=24475997 /ug=Hs.283690 /len=3346	NM_017548	Hs.283690	NP_060018
887	0.008196	polyadenylate binding protein-interacting protein 1 (PAIP1), mRNA /cds=(188,1627) /gb=NM_006451 /gi=17511254 /ug=Hs.109643 /len=2764	NM_006451	Hs.109643	NP_006442
892	0.040325	transmembrane 4 superfamily member 6 (TM4SF6), mRNA /cds=(104,841) /gb=NM_003270 /gi=21265115 /ug=Hs.121068 /len=2069	NM_003270	Hs.121068	NP_003261
916	0.014551	LIM and senescent cell antigen-like domains 1 (LIMS1) =U09284, PINCH protein	NM_004987		NP_004978
918	0.024727	AGENCOURT_6456859 NIH_MGC_92 cDNA clone IMAGE:5576908 5', mRNA sequence /clone=IMAGE:5576908 /clone_end=5' /gb=BM466169 /gi=18515211 /ug=Hs.439148 /len=1150	BM466169	Hs.439148	

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919	0.044259	putative protein tyrosine phosphatase (PTEN) mRNA, complete cds /cds=(1,1212) /gb=U93051 /gi=1916351 /ug=Hs.356062 /len=1212	U93051	Hs.356062	NP_000305
935	0.030215	Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide (FCER1G), mRNA /cds=(26,286) /gb=NM_004106 /gi=4758343 /ug=Hs.433300 /len=591	NM_004106	Hs.433300	NP_004097
963	0.048502	nucleoporin 153kDa (NUP153), mRNA /cds=(201,4628) /gb=NM_005124 /gi=24430145 /ug=Hs.211608 /len=5687	NM_005124	Hs.211608	NP_005115
967	0.022315	hepatoma-derived growth factor (high-mobility group protein 1-like) (HDGF), mRNA /cds=(316,1038) /gb=NM_004494 /gi=4758515 /ug=Hs.89525 /len=2376	NM_004494	Hs.89525	NP_004485
996	0.040325	mitochondrion, complete genome	NC_001807		
1001	0.016234	RAD23 B (S. cerevisiae) (RAD23B), mRNA /cds=(352,1581) /gb=NM_002874 /gi=19924138 /ug=Hs.404283 /len=2943	NM_002874	Hs.404283	NP_002865
1005	0.020104	splicing factor (45kD) (SPF45), mRNA /cds=(148,1353) /gb=NM_032905 /gi=14249677 /ug=Hs.107001 /len=1566	NM_032905	Hs.107001	NP_116294
1021	0.022315	tumor necrosis factor, alpha-induced protein 3 (TNFAIP3), mRNA /cds=(67,2439) /gb=NM_006290 /gi=26051241 /ug=Hs.211600 /len=4446	NM_006290	Hs.211600	NP_006281
1034	0.010368	N-myristoyltransferase 2 (NMT2), mRNA /cds=(47,1543) /gb=NM_004808 /gi=4758815 /ug=Hs.122647 /len=2838	NM_004808	Hs.122647	NP_004799
1184	0.033319	mannosidase, alpha, class 1A, member 2 (MAN1A2), mRNA /cds=(521,2446) /gb=NM_006699 /gi=5729912 /ug=Hs.367638 /len=2792	NM_006699	Hs.367638	NP_006690
1193	0.011629	CGI-100 protein (CGI-100), mRNA /cds=(113,802) /gb=NM_016040 /gi=19923441 /ug=Hs.348996 /len=3635	NM_016040	Hs.348996	NP_057124

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1213	0.044259	heat shock 10kDa protein 1 (chaperonin 10) (HSPE1), mRNA /cds=(42,350) /gb=NM_002157 /gi=4504522 /ug=Hs.1197 /len=538	NM_002157	Hs.1197	NP_002148
1278	0.027356	clone IMAGE:5311364, mRNA /gb=BC042008 /gi=27469534 /ug=Hs.97093 /len=2520	BC042008	Hs.97093	
1307	0.033319	epithelial membrane protein 1 (EMP1), mRNA /cds=(219,692) /gb=NM_001423 /gi=4503558 /ug=Hs.79368 /len=2786	NM_001423	Hs.79368	NP_001414
1314	0.00507	RAB, member of RAS oncogene family-like 4 (RABL4), mRNA /cds=(364,921) /gb=NM_006860 /gi=9257237 /ug=Hs.50267 /len=1021	NM_006860	Hs.50267	NP_006851
1408	0.016234	dihydrolipoamide dehydrogenase (E3 component of pyruvate dehydrogenase complex, 2-oxo-glutarate complex, branched chain keto acid dehydrogenase complex) (DLD), mRNA /cds=(83,1612) /gb=NM_000108 /gi=5016092 /ug=Hs.74635 /len=2320	NM_000108	Hs.74635	NP_000099
1437	0.007267	SRY (sex determining region Y)-box 9 (campomelic dysplasia, autosomal sex-reversal) (SOX9), mRNA /cds=(373,1902) /gb=NM_000346 /gi=4557852 /ug=Hs.2316 /len=3936	NM_000346	Hs.2316	NP_000337
1443	0.040325	cDNA FLJ13106 fis, clone NT2RP3002455, highly similar to mRNA for KIAA0678 protein. /gb=AK023168 /gi=10434970 /ug=Hs.12707 /len=3985	AK023168	Hs.12707	
1444	0.036684	cDNA: FLJ23165 fis, clone LNG09846. /gb=AK026818 /gi=10439763 /ug=Hs.279898 /len=2117	AK026818	Hs.279898	
1451	0.01302	polymerase (RNA) II (DNA directed) polypeptide G (POLR2G), mRNA /cds=(107,625) /gb=NM_002696 /gi=4505946 /ug=Hs.14839 /len=828	NM_002696	Hs.14839	NP_002687
1453	0.036684	methyl-CpG binding domain protein 2 (MBD2), transcript variant testis-specific, mRNA /cds=(230,1138) /gb=NM_015832 /gi=21464120 /ug=Hs.25674 /len=2792	NM_015832	Hs.25674	NP_056647



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1488	0.022315	mannan-binding lectin serine protease 2 (MASP2), transcript variant 1, mRNA /cds=(22,2082) /gb=NM_006610 /gi=21264362 /ug=Hs.119983 /len=2460	NM_006610	Hs.119983	NP_631947
1502	0.030215	putative dimethyladenosine transferase (HSA9761), mRNA /cds=(79,1020) /gb=NM_014473 /gi=7657197 /ug=Hs.125819 /len=1505	NM_014473	Hs.125819	NP_055288
1544	0.027356	hypothetical protein FLJ10357 (FLJ10357), mRNA /cds=(67,903) /gb=NM_018071 /gi=8922375 /ug=Hs.22451 /len=1450	NM_018071	Hs.22451	NP_060541
1555	0.018081	KIAA1573 mRNA protein	AB046793		
1575	0.027356	WW domain-containing adapter with a coiled-coil region (WAC), transcript variant 2, mRNA /cds=(332,2140) /gb=NM_100264 /gi=18379329 /ug=Hs.70333 /len=3088	NM_100264	Hs.70333	NP_567823
1614	0.036684	hypothetical protein FLJ10579 (FLJ10579), mRNA /cds=(186,1598) /gb=NM_018145 /gi=8922531 /ug=Hs.8055 /len=2251	NM_018145	Hs.8055	NP_060615
1618	0.030215	mRNA for KIAA0570 protein, partial cds. /cds=(480,10718) /gb=AB011142 /gi=20521084 /ug=Hs.180948 /len=11269	AB011142	Hs.180948	
1711	0.010368	KIAA0682 gene product (KIAA0682), mRNA /cds=(80,2962) /gb=NM_014852 /gi=7662249 /ug=Hs.7482 /len=4422	NM_014852	Hs.7482	NP_057280
1741	0.036684	mRNA; cDNA DKFZp586F1822 (from clone DKFZp586F1822) /gb=AL117461 /gi=5911922 /ug=Hs.82719 /len=3943	AL117461	Hs.82719	
1749	0.033319	hypothetical protein MGC20781 (MGC20781), mRNA /cds=(366,1139) /gb=NM_052935 /gi=16418414 /ug=Hs.237536 /len=1476	NM_052935	Hs.237536	NP_443167
1778	0.018081	UI-CF-FN0-aet-p-19-0-UI.s1 UI-CF-FN0 cDNA clone UI-CF-FN0-aet-p-19-0-UI 3', mRNA sequence /clone=UI-CF-FN0-aet-p-19-0-UI /clone_end=3' /gb=BU689895 /gi=23548080 /ug=Hs.374350 /len=1121	BU689895	Hs.374350	
1830	0.024727	calmodulin-I (CALM1) mRNA, 3'UTR, partial sequence. /gb=U16850 /gi=576644 /ug=Hs.374441 /len=2383	U16850	Hs.374441	

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1847	0.01302	tropomyosin 3 (TPM3), mRNA /cds=(52,798) /gb=NM_153649 /gi=24119202 /ug=Hs.85844 /len=2089	NM_153649	Hs.85844	NP_705935
1878	0.024727	capping protein (actin filament), gelsolin-like (CAPG), mRNA /cds=(50,1096) /gb=NM_001747 /gi=4502560 /ug=Hs.82422 /len=1221	NM_001747	Hs.82422	NP_001738
1879	0.036684	Rab9 effector p40 (RAB9P40), mRNA /cds=(150,1268) /gb=NM_005833 /gi=5032014 /ug=Hs.19012 /len=1297	NM_005833	Hs.19012	NP_005824
1927	0.010636	EST (tg16b07.x1 NCI_CGAP_CLL1 clone IMAGE:2108917 3' TR:Q14526 Q14526 HIC-1 GENE FRAGMENT)	AI391567		NP_006488
1967	0.048502	CTL2 gene (CTL2), mRNA /cds=(1,2121) /gb=NM_020428 /gi=9966908 /ug=Hs.105509 /len=2121	NM_020428	Hs.105509	NP_065161
2006	0.040325	clathrin, light polypeptide (Lcb) (CLTB), transcript variant brain, mRNA /cds=(173,862) /gb=NM_007097 /gi=6005994 /ug=Hs.380749 /len=1134	NM_007097	Hs.380749	NP_009028
2041	0.004406	ribosomal protein L32 (RPL32), mRNA /cds=(51,458) /gb=NM_000994 /gi=15812220 /ug=Hs.169793 /len=521	NM_000994	Hs.169793	NP_000985
2045	0.027356	T-cell activation protein (PGR1), mRNA /cds=(146,529) /gb=NM_033296 /gi=15193293 /ug=Hs.406590 /len=1534	NM_033296	Hs.406590	NP_150638
2073	0.016234	transcription factor B1, mitochondrial (TFB1M), mRNA /cds=(73,1113) /gb=NM_016020 /gi=7705784 /ug=Hs.279908 /len=1290	NM_016020	Hs.279908	NP_057104
2145	0.033319	polymerase (RNA) II (DNA directed) polypeptide G (POLR2G), mRNA /cds=(107,625) /gb=NM_002696 /gi=4505946 /ug=Hs.14839 /len=828	NM_002696	Hs.14839	NP_002687
2158	0.027356	vesicle transport-related protein (RA410), mRNA /cds=(8,1930) /gb=NM_016106 /gi=7706370 /ug=Hs.27023 /len=2149	NM_016106	Hs.27023	NP_057247
2236	0.033319	glia maturation factor, gamma (GMFG), mRNA /cds=(5,433) /gb=NM_004877 /gi=4758439 /ug=Hs.5210 /len=561	NM_004877	Hs.5210	NP_004868
2304	0.007267	hypothetical gene supported by AK026099 (LOC128680), mRNA	XM_072157		

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
2314	0.048502	specificity protein 3 (SP3) mRNA, complete cds /cds=(385,2526) /gb=AY070137 /gi=18091786 /ug=Hs.154295 /len=3979	AY070137	Hs.154295	
2338	0.048502	exostoses (multiple) 1 (EXT1), mRNA /cds=(773,3013) /gb=NM_000127 /gi=4557570 /ug=Hs.184161 /len=3304	NM_000127	Hs.184161	NP_000118
2360	0.010368	hepatocyte growth factor-like protein homolog (low match)	U28055		
2361	0.005681	hypothetical protein (KIAA0142)	D63476		NP_663788
2391	0.011953	heparin cofactor II (HCF2)	M58600		
2395	0.022315	Purkinje cell protein 4 (PCP4), mRNA /cds=(59,247) /gb=NM_006198 /gi=5453857 /ug=Hs.80296 /len=540	NM_006198	Hs.80296	NP_006189
2553	0.048502	transmembrane protein vezatin (VEZATIN), mRNA /cds=(177,1886) /gb=NM_017599 /gi=19923537 /ug=Hs.24135 /len=3949	NM_017599	Hs.24135	NP_060069
2554	0.007267	chromodomain helicase DNA binding protein 1 (CHD1), mRNA /cds=(164,5293) /gb=NM_001270 /gi=4557446 /ug=Hs.22670 /len=5947	NM_001270	Hs.22670	NP_001261
2561	0.040325	X-linked protein (DJ79P11.1), mRNA /cds=(101,487) /gb=NM_032621 /gi=14249131 /ug=Hs.283719 /len=744	NM_032621	Hs.283719	NP_116010
2580	0.027356	KIAA0689	AB014589		NP_056050
2595	0.010636	FLJ20288 protein (FLJ20288), mRNA /cds=(142,2970) /gb=NM_020690 /gi=19923831 /ug=Hs.84045 /len=3418	NM_020690	Hs.84045	NP_078944
2629	0.018081	similar to S. pombe dim1 (DIM1), mRNA /cds=(141,569) /gb=NM_006701 /gi=20070233 /ug=Hs.433683 /len=1415	NM_006701	Hs.433683	NP_006692
2632	0.048502	hypothetical protein FLJ20432 (FLJ20432), mRNA /cds=(603,1361) /gb=NM_017819 /gi=8923404 /ug=Hs.57898 /len=1654	NM_017819	Hs.57898	NP_060289
2702	0.011629	UI-H-EZ1-bbj-p-15-0-UI.s1 NCI_CGAP_Ch2 cDNA clone UI-H-EZ1-bbj-p-15-0-UI 3', mRNA sequence /clone=UI-H-EZ1-bbj-p-15-0-UI /clone_end=3' /gb=BQ771691 /gi=21980167 /ug=Hs.435931 /len=1072	BQ771691	Hs.435931	

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
2892	0.024727	t-complex 1 (TCP1), mRNA /cds=(22,1692) /gb=NM_030752 /gi=13540472 /ug=Hs.4112 /len=2019	NM_030752	Hs.4112	NP_110379
2936	0.040325	hypothetical protein FLJ23441 (FLJ23441), mRNA /cds=(877,1629) /gb=NM_024678 /gi=20070336 /ug=Hs.90012 /len=2119	NM_024678	Hs.90012	NP_078954
2963	0.044259	cDNA FLJ40109 fis, clone TEST12007685. /gb=AK097428 /gi=21757181 /ug=Hs.377146 /len=2007	AK097428	Hs.377146	
2968	0.048502	glycosyltransferase (LOC83468), mRNA /cds=(408,1457) /gb=NM_031302 /gi=21314737 /ug=Hs.159993 /len=1908	NM_031302	Hs.159993	NP_112592
3004	0.011629	scavenger receptor class A, member 3 (SCARA3), mRNA /cds=(142,1962) /gb=NM_016240 /gi=7705335 /ug=Hs.128856 /len=3636	NM_016240	Hs.128856	NP_057324
3160	0.027356	AF034176 mRNA (Tripodis and Ragoussis) cDNA clone ntcon5 contig /gb=AF034176 /gi=2707738 /ug=Hs.188882 /len=7232	AF034176	Hs.188882	
3164	0.009227	adenylyl cyclase-associated protein 2 (CAP2), mRNA /cds=(84,1517) /gb=NM_006366 /gi=5453592 /ug=Hs.296341 /len=1517	NM_006366	Hs.296341	NP_006357
3237	0.040325	mRNA for KIAA0725 protein, partial cds. /cds=(1,1723) /gb=AB018268 /gi=3882170 /ug=Hs.26450 /len=3911	AB018268	Hs.26450	
3268	0.016234	B protein (GRCB), mRNA /cds=(89,1744) /gb=NM_014262 /gi=7657207 /ug=Hs.46458 /len=2129	NM_014262	Hs.46458	NP_055077
3298	0.040325	monocyte/neutrophil elastase inhibitor	AF053630		
3479	0.01302	expressed in T-cells and eosinophils in atopic dermatitis (ETEA), mRNA /cds=(32,1369) /gb=NM_014613 /gi=24797105 /ug=Hs.76591 /len=4492	NM_014613	Hs.76591	NP_055428
3510	0.027356	adenylate kinase 3 like 1 (AK3L1), mRNA /cds=(141,824) /gb=NM_016282 /gi=19923436 /ug=Hs.43436 /len=2642	NM_016282	Hs.43436	NP_057366
3531	0.014551	mRNA for Sec24 protein (Sec24A isoform), partial /cds=(1,3237) /gb=AJ131244 /gi=3947687 /ug=Hs.211612 /len=5967	AJ131244	Hs.211612	

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
3553	0.036684	scavenger receptor class B, member 2 (SCARB2), mRNA /cds=(252,1688) /gb=NM_005506 /gi=5031630 /ug=Hs.323567 /len=2329	NM_005506	Hs.323567	NP_005497
3554	0.036684	mago-nashi proliferation-associated (Drosophila) (MAGOH), mRNA /cds=(89,529) /gb=NM_002370 /gi=6006021 /ug=Hs.57904 /len=698	NM_002370	Hs.57904	NP_002361
3617	0.033319	microtubule associated testis specific serine/threonine protein kinase (MAST205), mRNA /cds=(284,5488) /gb=NM_015112 /gi=14149670 /ug=Hs.101474 /len=5737	NM_015112	Hs.101474	NP_055927
3687	0.020104	zinc finger protein 83 (HPF1) (ZNF83), mRNA /cds=(447,1997) /gb=NM_018300 /gi=21361788 /ug=Hs.305953 /len=2633	NM_018300	Hs.305953	NP_060770
3697	0.040325	elaC 2 (E. coli) (ELAC2), mRNA /cds=(70,2550) /gb=NM_018127 /gi=21359940 /ug=Hs.12124 /len=3006	NM_018127	Hs.12124	NP_060597
3747	0.048502	clathrin, heavy polypeptide (Hc) (CLTC), mRNA /cds=(173,5200) /gb=NM_004859 /gi=4758011 /ug=Hs.178710 /len=6111	NM_004859	Hs.178710	NP_004850
3757	0.048502	tubulin, gamma complex associated protein 2 (TUBGCP2), mRNA /cds=(64,2772) /gb=NM_006659 /gi=5729839 /ug=Hs.13386 /len=2846	NM_006659	Hs.13386	NP_006650
3761	0.010368	peroxisomal acyl-coenzyme A oxidase	S69189		NP_009223
3787	0.022315	secretory leukocyte protease inhibitor (antileukoproteinase) (SLPI), mRNA /cds=(23,421) /gb=NM_003064 /gi=15834622 /ug=Hs.251754 /len=598	NM_003064	Hs.251754	NP_003055
3799	0.027356	collagenase type IV	J03210		NP_004521
3809	0.044259	DiGeorge syndrome critical region gene 6-like (DGCR6L), mRNA /cds=(98,760) /gb=NM_033257 /gi=15718677 /ug=Hs.347285 /len=1182	NM_033257	Hs.347285	NP_150282
3835	0.036684	NEL-like 2 (chicken) (NELL2), mRNA /cds=(97,2547) /gb=NM_006159 /gi=5453765 /ug=Hs.79389 /len=3198	NM_006159	Hs.79389	NP_006150
3837	0.022315	CGI-48 protein (CGI-48), mRNA /cds=(108,1673) /gb=NM_016001 /gi=7705764 /ug=Hs.6153 /len=1873	NM_016001	Hs.6153	NP_057085

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
3839	0.048502	nudix (nucleoside diphosphate linked moiety X)-type motif 3 (NUDT3), mRNA /cds=(154,672) /gb=NM_006703 /gi=5729803 /ug=Hs.4815 /len=1222	NM_006703	Hs.4815	NP_006694
3844	0.033319	CGI-101 protein (F-LAN-1), mRNA /cds=(7,636) /gb=NM_016041 /gi=7705603 /ug=Hs.286131 /len=1123	NM_016041	Hs.286131	NP_057125
3883	0.008196	Meis1, myeloid ecotropic viral integration site 1 (mouse) (MEIS1), mRNA /cds=(66,1238) /gb=NM_002398 /gi=4505150 /ug=Hs.170177 /len=2511	NM_002398	Hs.170177	NP_002389
3892	0.020104	small inducible cytokine subfamily E, member 1 (endothelial monocyte-activating) (SCYE1), mRNA /cds=(50,988) /gb=NM_004757 /gi=4758265 /ug=Hs.333513 /len=1057	NM_004757	Hs.333513	NP_004748
3952	0.044259	interleukin 18 binding protein (IL18BP), transcript variant C, mRNA /cds=(929,1522) /gb=NM_005699 /gi=27502394 /ug=Hs.325978 /len=3630	NM_005699	Hs.325978	NP_766632
3964	0.01302	transmembrane, prostate androgen induced RNA (TMEPAI), mRNA /cds=(321,1184) /gb=NM_020182 /gi=21361840 /ug=Hs.83883 /len=4839	NM_020182	Hs.83883	NP_064567
4002	0.007267	kinesin heavy chain member 2 (KIF2)	NM_004520		NP_004511
4007	0.024727	chondroitin sulfate proteoglycan 6 (bamacan) (CSPG6), mRNA /cds=(92,3745) /gb=NM_005445 /gi=24475891 /ug=Hs.24485 /len=4096	NM_005445	Hs.24485	NP_005436
4029	0.024727	GAP-associated protein (p190)	M94721		
4036	0.016234	IDN3 protein (IDN3), transcript variant A, mRNA /cds=(363,7160) /gb=NM_133433 /gi=19718748 /ug=Hs.225767 /len=8124	NM_133433	Hs.225767	NP_597677
4062	0.044259	B-cell CLL/lymphoma 6 (zinc finger protein 51) (BCL6), transcript variant 2, mRNA /cds=(421,2541) /gb=NM_138931 /gi=21040335 /ug=Hs.155024 /len=3630	NM_138931	Hs.155024	NP_620309

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
4115	0.011629	WNT1 inducible signaling pathway protein 3 (WISP3), transcript variant 1, mRNA /cds=(111,1175) /gb=NM_003880 /gi=18491002 /ug=Hs.194678 /len=1307	NM_003880	Hs.194678	NP_569080
4166	0.044259	ubiquitin hydrolyzing enzyme I (UBH1) mRNA, partial cds /cds=(153,1220) /gb=AF022789 /gi=3220153 /ug=Hs.42400 /len=4348	AF022789	Hs.42400	
4167	0.048502	binder of Arl Two (BART1), mRNA /cds=(115,606) /gb=NM_012106 /gi=17978472 /ug=Hs.9552 /len=1973	NM_012106	Hs.9552	NP_036238
4204	0.027356	TBP-interacting protein (TIP120A), mRNA /cds=(350,4042) /gb=NM_018448 /gi=21361793 /ug=Hs.184786 /len=5387	NM_018448	Hs.184786	NP_060918
4215	0.040325	prothymosin, alpha (gene sequence 28) (PTMA), mRNA /cds=(182,514) /gb=NM_002823 /gi=21359859 /ug=Hs.250655 /len=1233	NM_002823	Hs.250655	NP_002814
4250	0.010368	ras gene family, member A (ARHA), mRNA /cds=(152,733) /gb=NM_001664 /gi=10835048 /ug=Hs.77273 /len=1777	NM_001664	Hs.77273	NP_001655
4266	0.040325	cytovillin 2 (VIL2) (=X51521 ezrin)	J05021		NP_003370
4348	0.048502	stannin (SNN), mRNA /cds=(176,442) /gb=NM_003498 /gi=19923171 /ug=Hs.76691 /len=3295	NM_003498	Hs.76691	NP_003489
4399	0.011629	mitochondrial ribosomal protein L43 (MRPL43), mRNA /cds=(36,629) /gb=NM_032112 /gi=14149761 /ug=Hs.151945 /len=972	NM_032112	Hs.151945	NP_789764
4419	0.036684	KIAA0742	AB018285		NP_060903
4503	0.038037	ubiquitin-conjugating enzyme E2A (RAD6 (UBE2A), mRNA /cds=(121,579) /gb=NM_003336 /gi=4507768 /ug=Hs.379466 /len=1743	NM_003336	Hs.379466	NP_003327
4556	0.010368	phosphorylase, glycogen; liver (Hers disease, glycogen storage disease type VI) (PYGL), mRNA /cds=(52,2595) /gb=NM_002863 /gi=4506352 /ug=Hs.771 /len=2643	NM_002863	Hs.771	NP_002854
4583	0.016234	restin (Reed-Steinberg cell-expressed intermediate filament-associated protein) (RSN), mRNA /cds=(133,4416) /gb=NM_002956 /gi=4506750 /ug=Hs.31638 /len=5857	NM_002956	Hs.31638	NP_002947

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
4585	0.024727	vacuolar protein sorting 4B (yeast) (VPS4B), mRNA /cds=(202,1536) /gb=NM_004869 /gi=17865801 /ug=Hs.126550 /len=3337	NM_004869	Hs.126550	NP_004860
4587	0.007267	zinc finger protein 161 (mouse) (ZFP161), mRNA /cds=(70,1419) /gb=NM_003409 /gi=19923241 /ug=Hs.156000 /len=2896	NM_003409	Hs.156000	NP_003400
4593	0.044259	Id2 protein (Id-2) mRNA, 3' end	M69293		NP_034626
4595	0.048502	wc09c01.x1 NCI_CGAP_Pr28 cDNA clone IMAGE:2314656 3' similar to gb:J05016 PROTEIN DISULFIDE ISOMERASE-RELATED PROTEIN PRECURSOR mRNA sequence /clone=IMAGE:2314656 /clone_end=3' /gb=AI674177 /gi=4874657 /ug=Hs.200089 /len=526	AI674177	Hs.200089	
4608	0.018081	MacGAP protein (MacGAP), mRNA /cds=(23,1879) /gb=NM_033515 /gi=15723375 /ug=Hs.178705 /len=3305	NM_033515	Hs.178705	NP_277050
4612	0.022315	transporter 1, ATP-binding cassette, sub-family B (MDR/TAP) (TAP1), mRNA /cds=(165,2591) /gb=NM_000593 /gi=24797159 /ug=Hs.352018 /len=2960	NM_000593	Hs.352018	NP_000584
4628	0.040325	OBP1a gene	AJ251029		
4665	0.048502	ribosomal protein L17 (RPL17), mRNA /cds=(287,841) /gb=NM_000985 /gi=14591906 /ug=Hs.82202 /len=898	NM_000985	Hs.82202	NP_000976
4747	0.016234	leucine zipper transcription factor-like 1 (LZTFL1), mRNA /cds=(125,1024) /gb=NM_020347 /gi=9966792 /ug=Hs.30824 /len=3384	NM_020347	Hs.30824	NP_065080
4749	0.007267	N-myc downstream regulated gene 1 (NDRG1), mRNA /cds=(111,1295) /gb=NM_006096 /gi=5174656 /ug=Hs.75789 /len=3020	NM_006096	Hs.75789	NP_006087
4989	0.030215	chloride intracellular channel 5 (CLIC5), mRNA /cds=(298,1053) /gb=NM_016929 /gi=8393146 /ug=Hs.283021 /len=2380	NM_016929	Hs.283021	NP_058625
5000	0.010368	diphtheria toxin receptor (heparin-binding epidermal growth factor-like growth factor) (DTR), mRNA /cds=(262,888) /gb=NM_001945 /gi=4503412 /ug=Hs.799 /len=2360	NM_001945	Hs.799	NP_001936



Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
5058	0.018081	U6 snRNA-associated Sm-like protein (LSM4), mRNA /cds=(49,468) /gb=NM_012321 /gi=6912485 /ug=Hs.76719 /len=1033	NM_012321	Hs.76719	NP_036453
5064	0.036684	nipsnap 1 (C. elegans) (NIPSNAP1), mRNA /cds=(255,1109) /gb=NM_003634 /gi=4505398 /ug=Hs.173878 /len=2233	NM_003634	Hs.173878	NP_003625
5103	0.009227	signal transducer and activator of transcription 6, interleukin-4 induced (STAT6) gene, complete cds	AF417842		
5124	0.016234	hematological and neurological expressed 1 (HN1), mRNA /cds=(104,568) /gb=NM_016185 /gi=7705876 /ug=Hs.109706 /len=704	NM_016185	Hs.109706	NP_057269
5127	0.036684	cDNA FLJ10627 fis, clone NT2RP2005555. /gb=AK001489 /gi=7022777 /ug=Hs.372616 /len=1626	AK001489	Hs.372616	
5131	0.040325	cDNA FLJ30233 fis, clone BRACE2001971. /gb=AK054795 /gi=16549404 /ug=Hs.351247 /len=1684	AK054795	Hs.351247	
5133	0.040325	glutathione S-transferase M1 (GSTM1), transcript variant 1, mRNA /cds=(55,711) /gb=NM_000561 /gi=23065543 /ug=Hs.301961 /len=1161	NM_000561	Hs.301961	NP_666533
5141	0.027356	ubiquitin carrier protein (E2-EPF), mRNA /cds=(60,737) /gb=NM_014501 /gi=7657045 /ug=Hs.174070 /len=890	NM_014501	Hs.174070	NP_055316
5149	0.036684	ribosomal RNA 18S	X03205		
5163	0.036684	KIAA0416 protein (KIAA0416), mRNA /cds=(410,1960) /gb=NM_015564 /gi=7662101 /ug=Hs.114169 /len=5572	NM_015564	Hs.114169	NP_056379
5169	0.033319	tenascin	X56160		NP_002151
5210	0.033319	RNA binding protein S1, serine-rich domain (RNPS1), transcript variant 1, mRNA /cds=(252,1169) /gb=NM_006711 /gi=18379335 /ug=Hs.75104 /len=2038	NM_006711	Hs.75104	NP_542161
5259	0.018081	nuclear matrix protein NMP200 related to splicing factor PRP19 (NMP200), mRNA /cds=(208,1722) /gb=NM_014502 /gi=7657380 /ug=Hs.173980 /len=2167	NM_014502	Hs.173980	NP_055317

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
5265	0.040325	ectonucleotide pyrophosphatase/phosphodiesterase 1 (ENPP1), mRNA /cds=(173,2794) /gb=NM_006208 /gi=13324676 /ug=Hs.11951 /len=3493	NM_006208	Hs.11951	NP_006199
5310	0.048502	cyclin D1 (PRAD1: parathyroid adenomatosis 1) (CCND1), mRNA /cds=(210,1097) /gb=NM_053056 /gi=16950654 /ug=Hs.82932 /len=4306	NM_053056	Hs.82932	NP_444284
5318	0.033319	603021120F1 NIH_MGC_114 cDNA clone IMAGE:5191733 5', mRNA sequence /clone=IMAGE:5191733 /clone_end=5' /gb=BI488592 /gi=15327820 /ug=Hs.380956 /len=988	BI488592	Hs.380956	
5359	0.022315	RAP1A, member of RAS oncogene family (RAP1A), mRNA /cds=(313,867) /gb=NM_002884 /gi=4506412 /ug=Hs.865 /len=1579	NM_002884	Hs.865	NP_002875
5363	0.048502	MAD, mothers against decapentaplegic (Drosophila) interacting protein, receptor activation anchor (MADHIP), transcript variant 3, mRNA /cds=(439,4410) /gb=NM_004799 /gi=4759059 /ug=Hs.194716 /len=4839	NM_004799	Hs.194716	NP_015563
5393	0.044259	ubiquitination factor E4B (UFD2 yeast) (UBE4B), mRNA /cds=(86,3994) /gb=NM_006048 /gi=5174482 /ug=Hs.24594 /len=5314	NM_006048	Hs.24594	NP_006039
5394	0.014551	hypothetical protein FLJ11294 (FLJ11294), mRNA /cds=(160,4170) /gb=NM_018383 /gi=19923528 /ug=Hs.107000 /len=4602	NM_018383	Hs.107000	NP_060853
5493	0.048502	amyloid beta (A4) precursor protein (protease nexin-II, Alzheimer disease) (APP), mRNA /cds=(148,2460) /gb=NM_000484 /gi=4502166 /ug=Hs.177486 /len=3579	NM_000484	Hs.177486	NP_000475
5502	0.005681	AGENCOURT_6626032 NIH_MGC_116 cDNA clone IMAGE:5758987 5', mRNA sequence /clone=IMAGE:5758987 /clone_end=5' /gb=BM923381 /gi=19373760 /ug=Hs.437001 /len=1729	BM923381	Hs.437001	
5517	0.010368	Hypothetical protein (cDNA FLJ20702 fis, clone KAIA2174)	AK000709		

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
5528	0.033319	l(3)mbt-like 2 (Drosophila) (L3MBTL2), mRNA /cds=(53,2170) /gb=NM_031488 /gi=20149697 /ug=Hs.265327 /len=3222	NM_031488	Hs.265327	NP_113676
5530	0.040325	FLJ30953 fis, clone HCASM2000016 /cds=UNKNOWN /gb=AK055515 /gi=16550257 /ug=Hs.288862 /len=2620	AK055515	Hs.288862	NP_005427
5583	0.01302	cardiotrophin 1 (CTF1), mRNA /cds=(33,638) /gb=NM_001330 /gi=4503120 /ug=Hs.25537 /len=1539	NM_001330	Hs.25537	NP_001321
5589	0.022315	FLJ11040 (FLJ11040), mRNA /cds=(5,1459) /gb=NM_018307 /gi=8922837 /ug=Hs.14202 /len=2453	NM_018307	Hs.14202	NP_060777
5654	0.044259	Tis11d	U07802		
5656	0.020104	calcium channel, voltage-dependent, beta 1 subunit (CACNB1), mRNA /cds=(150,1940) /gb=NM_000723 /gi=19923118 /ug=Hs.635 /len=3658	NM_000723	Hs.635	NP_000714
5659	0.040325	RAD21 (S. pombe) (RAD21), mRNA /cds=(185,2080) /gb=NM_006265 /gi=5453993 /ug=Hs.81848 /len=3647	NM_006265	Hs.81848	NP_006256
5672	0.040325	clone IMAGE:5265581, mRNA /gb=BC035165 /gi=23272508 /ug=Hs.400548 /len=2237	BC035165	Hs.400548	
5692	0.024727	mRNA for MEGF6 protein (KIAA0815), partial cds. /cds=(153,3893) /gb=AB011539 /gi=20269128 /ug=Hs.56186 /len=4501	AB011539	Hs.56186	
5726	0.033319	glutathione S-transferase M1 (GSTM1), transcript variant 1, mRNA /cds=(55,711) /gb=NM_000561 /gi=23065543 /ug=Hs.301961 /len=1161	NM_000561	Hs.301961	NP_666533
5781	0.040325	hect domain and RLD 3 (HERC3), mRNA /cds=(167,3319) /gb=NM_014606 /gi=7657151 /ug=Hs.35804 /len=4894	NM_014606	Hs.35804	NP_055421
5842	0.006431	corin (PRSC), mRNA /cds=(94,3222) /gb=NM_006587 /gi=5729988 /ug=Hs.340634 /len=4933	NM_006587	Hs.340634	NP_006578
5869	0.048502	ATPase, Class I, type 8B, member 1 (ATP8B1), mRNA /cds=(1,3756) /gb=NM_005603 /gi=5031696 /ug=Hs.406187 /len=3756	NM_005603	Hs.406187	NP_005594
5871	0.022315	mRNA; cDNA DKFZp686H05116 (from clone DKFZp686H05116) /gb=AL833453 /gi=21734095 /ug=Hs.254124 /len=3731	AL833453	Hs.254124	

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
5872	0.022315	TL132 protein (LOC220594), mRNA /cds=(1242,2306) /gb=NM_145809 /gi=21956646 /ug=Hs.234573 /len=4413	NM_145809	Hs.234573	NP_665808
5901	0.040325	lipin 1 (LPIN1), mRNA /cds=(68,2740) /gb=NM_145693 /gi=22027647 /ug=Hs.81412 /len=5363	NM_145693	Hs.81412	NP_663731
5923	0.040325	retinol-binding protein (RBP)	M10934		
5960	0.048502	zinc finger protein ANC_2H01 (LOC51193), mRNA /cds=(446,1903) /gb=NM_016331 /gi=7705934 /ug=Hs.22879 /len=3013	NM_016331	Hs.22879	NP_057415
5964	0.007267	aspartylglucosaminidase (AGA), mRNA /cds=(171,1211) /gb=NM_000027 /gi=4557272 /ug=Hs.207776 /len=2150	NM_000027	Hs.207776	NP_000018
6055	0.024727	Sprague-Dawley acidic calponin	U06755		
6079	0.030215	extracellular matrix protein 2, female organ and adipocyte specific (ECM2), mRNA /cds=(74,2173) /gb=NM_001393 /gi=4557542 /ug=Hs.35094 /len=3171	NM_001393	Hs.35094	NP_001384
6087	0.018081	microtubule-associated protein, RP/EB family, member 1 (MAPRE1), mRNA /cds=(65,871) /gb=NM_012325 /gi=6912493 /ug=Hs.234279 /len=2540	NM_012325	Hs.234279	NP_036457
6097	0.030215	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide (YWHAG), mRNA /cds=(192,935) /gb=NM_012479 /gi=21464100 /ug=Hs.25001 /len=3747	NM_012479	Hs.25001	NP_036611
6105	0.009227	retinoblastoma binding protein 6 (RBBP6), mRNA /cds=(92,2938) /gb=NM_006910 /gi=5902043 /ug=Hs.91065 /len=2994	NM_006910	Hs.91065	NP_008841
6124	0.016234	prolyl endopeptidase (PREP), mRNA /cds=(1,2133) /gb=NM_002726 /gi=20149544 /ug=Hs.86978 /len=2756	NM_002726	Hs.86978	NP_002717
6125	0.002965	Sjogren's syndrome nuclear autoantigen 1 (SSNA1), mRNA /cds=(47,406) /gb=NM_003731 /gi=4505324 /ug=Hs.18528 /len=865	NM_003731	Hs.18528	NP_003722
6129	0.044259	myosin, light polypeptide 3, alkali; ventricular, skeletal, slow (MYL3), mRNA /cds=(51,638) /gb=NM_000258 /gi=4557776 /ug=Hs.1815 /len=872	NM_000258	Hs.1815	NP_000249

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
6133	0.042188	core promoter element binding protein (COPEB), mRNA /cds=(118,969) /gb=NM_001300 /gi=9961346 /ug=Hs.285313 /len=1470	NM_001300	Hs.285313	NP_001291
6167	0.005681	karyopherin alpha 2 (RAG cohort 1, importin alpha 1) (KPNA2), mRNA /cds=(133,1722) /gb=NM_002266 /gi=4504896 /ug=Hs.159557 /len=1976	NM_002266	Hs.159557	NP_002257
6189	0.003869	amylo-1, 6-glucosidase, 4-alpha-glucanotransferase (glycogen debranching enzyme, glycogen storage disease type III) (AGL), transcript variant 4, mRNA /cds=(479,5077) /gb=NM_000028 /gi=4557274 /ug=Hs.904 /len=7445	NM_000028	Hs.904	NP_000637
6226	0.027356	adenylate cyclase activating polypeptide 1 (pituitary) receptor type I (ADCYAP1R1), mRNA /cds=(74,1651) /gb=NM_001118 /gi=4501922 /ug=Hs.377783 /len=1664	NM_001118	Hs.377783	NP_001109
6228	0.044259	prefoldin 2 (PFDN2), mRNA /cds=(31,495) /gb=NM_012394 /gi=12408674 /ug=Hs.298229 /len=644	NM_012394	Hs.298229	NP_036526
6251	0.014551	interferon-related developmental regulator 1 (IFRD1), mRNA /cds=(220,1581) /gb=NM_001550 /gi=4504606 /ug=Hs.7879 /len=1791	NM_001550	Hs.7879	NP_001541
6270	0.015503	mitochondrial ribosomal protein L50 (MRPL50), nuclear gene encoding mitochondrial protein, mRNA /cds=(23,499) /gb=NM_019051 /gi=21265095 /ug=Hs.288224 /len=1027	NM_019051	Hs.288224	NP_061924
6306	0.036353	eukaryotic translation initiation factor 4E (EIF4E), mRNA /cds=(19,672) /gb=NM_001968 /gi=4503534 /ug=Hs.79306 /len=1842	NM_001968	Hs.79306	NP_001959
6307	0.032883	cDNA FLJ37296 fis, clone BRAMY2015420. /gb=AK094615 /gi=21753707 /ug=Hs.4983 /len=3181	AK094615	Hs.4983	
6342	0.033319	oxidoreductase UCPA (LOC56898), mRNA /cds=(70,807) /gb=NM_020139 /gi=10047131 /ug=Hs.124696 /len=1048	NM_020139	Hs.124696	NP_064524

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
6370	0.036684	major histocompatibility locus class III regions Hsc70t (smRNP, G7A, NG23, MutS homolog, CLCP, NG24, NG25, and NG26)	AF109905		
6394	0.027356	activin A receptor, type I (ACVR1), mRNA /cds=(341,1870) /gb=NM_001105 /gi=10862690 /ug=Hs.150402 /len=2952	NM_001105	Hs.150402	NP_001096
6412	0.016234	KIAA0716 gene product (KIAA0716), mRNA /cds=(192,2489) /gb=NM_014705 /gi=7662263 /ug=Hs.118140 /len=4652	NM_014705	Hs.118140	NP_055520
6414	0.024727	eukaryotic translation initiation factor 4 gamma, 2 (EIF4G2), mRNA /cds=(307,3030) /gb=NM_001418 /gi=4503538 /ug=Hs.183684 /len=3820	NM_001418	Hs.183684	NP_001409
6428	0.027356	serologically defined colon cancer antigen 1 (SDCCAG1), mRNA /cds=(183,1271) /gb=NM_004713 /gi=4759077 /ug=Hs.388584 /len=2078	NM_004713	Hs.388584	NP_004704
6430	0.030215	retinoid binding protein 7 (CRBPIV), mRNA /cds=(44,448) /gb=NM_052960 /gi=16418454 /ug=Hs.422688 /len=661	NM_052960	Hs.422688	NP_443192
6470	0.029938	nucleolar GTPase (HUMAQUANTIG), mRNA /cds=(80,2275) /gb=NM_013285 /gi=7019418 /ug=Hs.75528 /len=2331	NM_013285	Hs.75528	NP_037417
6519	0.030215	eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa (EIF2B4), transcript variant 1, mRNA /cds=(20,1588) /gb=NM_015636 /gi=26986531 /ug=Hs.169474 /len=1643	NM_015636	Hs.169474	NP_056451
6537	0.010368	selenoprotein P, plasma, 1 (SEPP1), mRNA /cds=(37,1182) /gb=NM_005410 /gi=4885590 /ug=Hs.275775 /len=2038	NM_005410	Hs.275775	NP_005401
6575	0.040325	epidermal growth factor receptor pathway substrate 8 (EPS8), mRNA /cds=(210,2678) /gb=NM_004447 /gi=4758295 /ug=Hs.2132 /len=3832	NM_004447	Hs.2132	NP_004438
6620	0.040325	mRNA for KIAA0515 protein, partial cds. /cds=(1,2014) /gb=AB011087 /gi=3043553 /ug=Hs.405891 /len=6335	AB011087	Hs.405891	

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
6653	0.044259	ribosomal protein S27 (metallopanstimulin 1) (RPS27), mRNA /cds=(36,290) /gb=NM_001030 /gi=15011937 /ug=Hs.195453 /len=344	NM_001030	Hs.195453	NP_001021
6662	0.044259	integrin alpha 10 subunit (ITGA10)	AF112345		NP_003628
6732	0.027356	dermatan-4-sulfotransferase-1 (D4ST-1), mRNA /cds=(1,1131) /gb=NM_130468 /gi=18497303 /ug=Hs.24947 /len=1960	NM_130468	Hs.24947	NP_569735
6855	0.014551	clone IMAGE:5264473, mRNA /gb=BC045747 /gi=28279052 /ug=Hs.343411 /len=2102	BC045747	Hs.343411	
6856	0.033319	calcium/calmodulin-dependent protein kinase (CaM kinase) II delta (CAMK2D), transcript variant 1, mRNA /cds=(505,1941) /gb=NM_172127 /gi=26667185 /ug=Hs.111460 /len=4098	NM_172127	Hs.111460	NP_742126
6866	0.036684	E1A binding protein p300 (EP300), mRNA /cds=(1200,8444) /gb=NM_001429 /gi=4557556 /ug=Hs.25272 /len=9046	NM_001429	Hs.25272	NP_001420
6867	0.048502	DNA (cytosine-5-)-methyltransferase 1 (DNMT1), mRNA /cds=(238,5088) /gb=NM_001379 /gi=4503350 /ug=Hs.77462 /len=5434	NM_001379	Hs.77462	NP_001370
6910	0.030215	Cip1-interacting zinc finger protein (CIZ1), mRNA /cds=(152,2692) /gb=NM_012127 /gi=6912307 /ug=Hs.23476 /len=2821	NM_012127	Hs.23476	NP_036259
7009	0.020104	crystallin, alpha B (CRYAB), mRNA /cds=(26,553) /gb=NM_001885 /gi=4503056 /ug=Hs.408767 /len=691	NM_001885	Hs.408767	NP_001876
7049	0.011629	C3HC4-like zinc finger protein (ZFP26), mRNA /cds=(144,836) /gb=NM_016422 /gi=21361492 /ug=Hs.44685 /len=1108	NM_016422	Hs.44685	NP_057506
7050	0.016234	cyclin D-type binding-protein 1 (CCNDBP1), transcript variant 1, mRNA /cds=(158,1240) /gb=NM_012142 /gi=16554565 /ug=Hs.36794 /len=1615	NM_012142	Hs.36794	NP_411241
7069	0.004406	adenosine monophosphate deaminase (isoform E) (AMPD3), mRNA /cds=(345,2675) /gb=NM_000480 /gi=4502078 /ug=Hs.83918 /len=3915	NM_000480	Hs.83918	NP_000471

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
7072	0.044259	synovial sarcoma translocation gene on chromosome 18-like 2 (SS18L2), mRNA /cds=(99,332) /gb=NM_016305 /gi=10047103 /ug=Hs.9774 /len=817	NM_016305	Hs.9774	NP_057389
7084	0.022315	regulated in glioma (RIG), mRNA /cds=(26,358) /gb=NM_006394 /gi=5454007 /ug=Hs.278503 /len=2569	NM_006394	Hs.278503	NP_006385
7120	0.033319	SGRF	AB030001		
7137	0.027356	DEAD (aspartate-glutamate-alanine-aspartate) box polypeptide 6 (Ddx6)	NM_007841		
7148	0.014551	RAB13, member RAS oncogene family (RAB13), mRNA /cds=(140,751) /gb=NM_002870 /gi=4506362 /ug=Hs.151536 /len=1238	NM_002870	Hs.151536	NP_002861
7151	0.018081	DNA (cytosine-5-)-methyltransferase 1 (DNMT1), mRNA /cds=(238,5088) /gb=NM_001379 /gi=4503350 /ug=Hs.77462 /len=5434	NM_001379	Hs.77462	NP_001370
7172	0.030215	damage-specific DNA binding protein 1, 127kDa (DDB1), mRNA /cds=(110,3532) /gb=NM_001923 /gi=13435358 /ug=Hs.108327 /len=4221	NM_001923	Hs.108327	NP_001914
7185	0.027356	melanoma-associated antigen MG50 mRNA, partial cds /cds=(1,4491) /gb=AF200348 /gi=6273398 /ug=Hs.118893 /len=6847	AF200348	Hs.118893	
7206	0.011629	hypothetical protein FLJ13081 (FLJ13081), mRNA /cds=(171,2099) /gb=NM_024834 /gi=13376242 /ug=Hs.180638 /len=4113	NM_024834	Hs.180638	NP_079110
7249	0.033319	chromosome 6 open reading frame 28 (C6orf28), mRNA /cds=(219,506) /gb=NM_021177 /gi=10863976 /ug=Hs.103106 /len=864	NM_021177	Hs.103106	NP_067000
7265	0.046353	thioredoxin interacting protein (TXNIP), mRNA /cds=(222,1397) /gb=NM_006472 /gi=5454161 /ug=Hs.179526 /len=2704	NM_006472	Hs.179526	NP_006463
7278	0.027356	KIAA0648 protein (KIAA0648), mRNA /cds=(232,4125) /gb=NM_015200 /gi=22094120 /ug=Hs.31921 /len=6744	NM_015200	Hs.31921	NP_056015



Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
7304	0.020104	proteasome (prosome, macropain) subunit, beta type, 1 (PSMB1), mRNA /cds=(48,773) /gb=NM_002793 /gi=22538462 /ug=Hs.407981 /len=872	NM_002793	Hs.407981	NP_002784
7308	0.011629	thioredoxin related protein (MGC3178), mRNA /cds=(82,1056) /gb=NM_030810 /gi=13540603 /ug=Hs.6101 /len=2712	NM_030810	Hs.6101	NP_110437
7342	0.048502	KIAA0874 protein (KIAA0874), mRNA /cds=(1,6189) /gb=NM_015208 /gi=14140237 /ug=Hs.27973 /len=6189	NM_015208	Hs.27973	NP_056023
7369	0.007267	cadherin 2, type 1, N-cadherin (neuronal) (CDH2), mRNA /cds=(206,2926) /gb=NM_001792 /gi=14589888 /ug=Hs.161 /len=4122	NM_001792	Hs.161	NP_001783
7405	0.030215	MAGE-E1 protein (MAGE-E1), mRNA /cds=(146,1390) /gb=NM_030801 /gi=13540587 /ug=Hs.7457 /len=2997	NM_030801	Hs.7457	NP_803881
7469	0.036684	GTPase regulator associated with focal adhesion kinase pp125(FAK) (GRAF), mRNA /cds=(424,2868) /gb=NM_015071 /gi=7662207 /ug=Hs.132942 /len=6906	NM_015071	Hs.132942	NP_055886
7470	0.003391	Thy-1 co-transcribed (LOC94105), mRNA /cds=(1289,1717) /gb=NM_033209 /gi=24475732 /ug=Hs.345643 /len=1818	NM_033209	Hs.345643	NP_149986
7487	0.048502	protease, serine, 11 (IGF binding) (PRSS11), mRNA /cds=(49,1491) /gb=NM_002775 /gi=21327712 /ug=Hs.75111 /len=2039	NM_002775	Hs.75111	NP_002766
7519	0.033319	myotubularin related protein 3 (MTMR3), transcript variant 3, mRNA /cds=(288,3884) /gb=NM_021090 /gi=23510385 /ug=Hs.63302 /len=5963	NM_021090	Hs.63302	NP_694691
7520	0.030215	hypothetical protein FLJ10350 (FLJ10350), mRNA /cds=(676,2340) /gb=NM_018067 /gi=21361780 /ug=Hs.177596 /len=2811	NM_018067	Hs.177596	NP_060537
7561	0.027356	FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived) (FARP1), mRNA /cds=(49,3186) /gb=NM_005766 /gi=5031632 /ug=Hs.183738 /len=3442	NM_005766	Hs.183738	NP_005757

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
7562	0.033319	snail zinc finger protein (SNAIL) gene, complete cds	AF155233		
7596	0.030215	zinc finger protein 26 (KOX 20) (ZNF26), mRNA /cds=(699,1298) /gb=NM_019591 /gi=11034838 /ug=Hs.26432 /len=2385	NM_019591	Hs.26432	NP_062537
7597	0.022315	nudix (nucleoside diphosphate linked moiety X)-type motif 1 (NUDT1), mRNA /cds=(100,639) /gb=NM_002452 /gi=21361345 /ug=Hs.388 /len=788	NM_002452	Hs.388	NP_002443
7627	0.020104	cylindromatosis (turban tumor syndrome) (CYLD), mRNA /cds=(392,3262) /gb=NM_015247 /gi=14165257 /ug=Hs.18827 /len=5371	NM_015247	Hs.18827	NP_056062
7720	0.010368	hypothetical protein MGC4604 (MGC4604), mRNA /cds=(591,926) /gb=NM_031487 /gi=24432023 /ug=Hs.375204 /len=5079	NM_031487	Hs.375204	NP_064517
7757	0.007267	B-cell CLL/lymphoma 9 (BCL9), mRNA /cds=(740,4924) /gb=NM_004326 /gi=4757845 /ug=Hs.122607 /len=6267	NM_004326	Hs.122607	NP_004317
7765	0.02571	hypothetical protein LOC51234 (LOC51234), mRNA /cds=(72,623) /gb=NM_016454 /gi=24475963 /ug=Hs.250905 /len=1013	NM_016454	Hs.250905	NP_057538
7845	0.018081	chemokine-like factor super family 4 isoform 1 (CKLFSF4) mRNA, complete cds /cds=(183,887) /gb=AF521889 /gi=25167082 /ug=Hs.325825 /len=3430	AF521889	Hs.325825	NP_848933
7851	0.016234	capillary morphogenesis protein 2 (CMG2), mRNA /cds=(46,783) /gb=NM_058172 /gi=17158002 /ug=Hs.5897 /len=2026	NM_058172	Hs.5897	NP_477520
7877	0.030215	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax Drosophila) (MLL5), mRNA /cds=(202,5778) /gb=NM_018682 /gi=23503326 /ug=Hs.333300 /len=6543	NM_018682	Hs.333300	NP_061152
7878	0.036684	EST(RC1-BT0721-050400-011-a06 BT0721)	BE090738		
7930	0.020104	EST (nz09e04.s1 NCI_CGAP_GCB1 IMAGE:1287294 3')	AA761167		
7943	0.024727	EST (AV754618 TP cDNA clone TPGAAA04 5')	AV754618		
7951	0.048502	EST (am59f03.x1 Johnston frontal	AI124626		

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
7965	0.036684	hypothetical protein FLJ12953 similar to Mus musculus D3Mm3e (FLJ12953), mRNA /cds=(89,1093) /gb=NM_032118 /gi=14149770 /ug=Hs.323537 /len=1146	NM_032118	Hs.323537	NP_115494
8018	0.024727	tubulin, gamma 1 (TUBG1), mRNA /cds=(25,1380) /gb=NM_001070 /gi=4507730 /ug=Hs.21635 /len=1568	NM_001070	Hs.21635	NP_001061
8078	0.030215	similar to claudin 12 (LOC115383), mRNA	XM_004591		
8080	0.007267	tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin) (TNFRSF11B), mRNA /cds=(252,1457) /gb=NM_002546 /gi=22547122 /ug=Hs.81791 /len=2291	NM_002546	Hs.81791	NP_002537
8087	0.018081	cDNA FLJ36527 fis, clone TRACH2003941. /gb=AK093846 /gi=21752790 /ug=Hs.378776 /len=2526	AK093846	Hs.378776	
8115	0.036684	STRIN protein (STRIN), mRNA /cds=(100,837) /gb=NM_016271 /gi=21361538 /ug=Hs.180403 /len=3226	NM_016271	Hs.180403	NP_057355
8119	0.048502	mRNA for KIAA1949 protein. /cds=(1149,3137) /gb=AB075829 /gi=18916754 /ug=Hs.101150 /len=4015	AB075829	Hs.101150	
8162	0.022315	hypothetical protein HSPC148 (HSPC148), mRNA /cds=(64,753) /gb=NM_016403 /gi=7705474 /ug=Hs.42743 /len=1046	NM_016403	Hs.42743	NP_057487
8163	0.048502	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3, 12kDa (NDUFB3), mRNA /cds=(253,549) /gb=NM_002491 /gi=4505360 /ug=Hs.109760 /len=693	NM_002491	Hs.109760	NP_002482
8198	0.007267	PHD zinc finger protein XAP135 (XAP135), transcript variant 2, mRNA /cds=(222,1448) /gb=NM_133325 /gi=19747275 /ug=Hs.7759 /len=1583	NM_133325	Hs.7759	NP_579866
8219	0.036684	hypothetical protein DKFZp564O1664 (DKFZP564O1664), mRNA /cds=(337,1893) /gb=NM_030800 /gi=13540585 /ug=Hs.6686 /len=2538	NM_030800	Hs.6686	NP_110427
8229	0.010368	hepatitis C virus core-binding protein 6 (HCBP6), mRNA /cds=(114,683) /gb=NM_023934 /gi=24371247 /ug=Hs.283674 /len=1157	NM_023934	Hs.283674	NP_076423

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
8241	0.020841	hypothetical protein MGC3196 (MGC3196), mRNA /cds=(178,291) /gb=NM_024084 /gi=13129079 /ug=Hs.309161 /len=603	NM_024084	Hs.309161	
8333	0.030215	EST (fb12g02.x1 zebrafish fin day0 regeneration)	AI384158		
8339	0.018081	EST (Clontech human placenta polyA mRNA (#6572)GEN-511B02	D63238		NP_067635
8376	0.01302	EST(zk54c05.r1 Soares_pregnant_uterus_NbHPU cDNA clone IMAGE:486632 5')	AA044356		NP_001767
8449	0.022315	hypothetical protein FLJ10619 (FLJ10619), mRNA /cds=(65,1894) /gb=NM_018156 /gi=8922552 /ug=Hs.191436 /len=3989	NM_018156	Hs.191436	NP_060626
8450	0.033319	skeletal muscle HSB84A051 STRATAGENE cDNA library, cat. #936215. cDNA clone 84A05	Z28721		
8475	0.033319	sentrin/SUMO-specific protease (SENP7), mRNA /cds=(138,3092) /gb=NM_020654 /gi=19923563 /ug=Hs.30443 /len=4826	NM_020654	Hs.30443	NP_065705
8501	0.020104	hypothetical protein FLJ40137 (FLJ40137), mRNA /cds=(149,1141) /gb=NM_173478 /gi=27735056 /ug=Hs.412708 /len=2241	NM_173478	Hs.412708	NP_775749
8509	0.048502	pericentrin 1 (PCNT1), mRNA /cds=(81,2051) /gb=NM_024844 /gi=13376258 /ug=Hs.184352 /len=2147	NM_024844	Hs.184352	NP_079120
8550	0.020104	cDNA FLJ36544 fis, clone TRACH2006378. /gb=AK093863 /gi=21752807 /ug=Hs.101689 /len=2670	AK093863	Hs.101689	
8587	0.040325	UI-H-BI2-agk-g-09-0-UI.s1 NCI_CGAP_Sub4 cDNA clone IMAGE:2724688 3', mRNA sequence /clone=IMAGE:2724688 /clone_end=3' /gb=AW291592 /gi=6698228 /ug=Hs.445096 /len=680	AW291592	Hs.445096	
8610	0.018081	EST, cDNA /gb=AW816379 /gi=7909373 /ug=Hs.335018 /len=603	AW816379	Hs.335018	
8615	0.009227	cDNA clone IMAGE:3918063 5' 601432861F1 NIH MGC 72	BE895919		NP_055157
8651	0.040325	clone IMAGE:4130494, mRNA /gb=BC023543 /gi=23270740 /ug=Hs.112844 /len=4567	BC023543	Hs.112844	

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
8673	0.027356	jun1.P1.D7 conorm cDNA 3', mRNA sequence /clone_end=3' /gb=AI535800 /gi=4449935 /ug=Hs.369112 /len=480	AI535800	Hs.369112	
8680	0.006542	hypothetical protein FLJ32234 (FLJ32234), mRNA /cds=(37,471) /gb=NM_152551 /gi=22749140 /ug=Hs.13366 /len=3051	NM_152551	Hs.13366	NP_689764
8692	0.044259	EST383274 MAGE resequences, MAGL cDNA, mRNA sequence /gb=AW971186 /gi=8161031 /ug=Hs.442674 /len=603	AW971186	Hs.442674	
8724	0.033319	SMT3 suppressor of mif two 3 2 (yeast) (SMT3H2), mRNA /cds=(137,424) /gb=NM_006937 /gi=21361387 /ug=Hs.180139 /len=1478	NM_006937	Hs.180139	NP_008868
8726	0.011629	ESTs, cDNA, 5' end /clone=GLCFNB12 /clone_end=5' /gb=AV718434 /gi=10815586 /ug=Hs.282628 /len=591	AV718434	Hs.282628	
8756	0.020104	7m95c07.x1 NCI_CGAP_Brn23 cDNA clone IMAGE:3562764 3' similar to contains Alu repetitive element;contains element MER33 repetitive element ;, mRNA sequence /clone=IMAGE:3562764 /clone_end=3' /gb=BF197659 /gi=11086958 /ug=Hs.289387 /len=516	BF197659	Hs.289387	
8798	0.024727	ESTs, cDNA, 3' end /clone=UI-E-EJ1-ajs-c-20-0-UI /clone_end=3' /gb=BQ184236 /gi=20359787 /ug=Hs.373158 /len=734	BQ184236	Hs.373158	
8799	0.010368	ubiquitin specific protease 7 (herpes virus-associated) (USP7), mRNA /cds=(200,3508) /gb=NM_003470 /gi=4507856 /ug=Hs.78683 /len=4022	NM_003470	Hs.78683	NP_003461
8857	0.027356	UI-E-CK1-afh-f-18-0-UI.s1 UI-E-CK1 cDNA clone UI-E-CK1-afh-f-18-0-UI 3', mRNA sequence /clone=UI-E-CK1-afh-f-18-0-UI /clone_end=3' /gb=BU729774 /gi=23652993 /ug=Hs.238809 /len=1557	BU729774	Hs.238809	
8863	0.044259	EST(cDNA clone IMAGE:290115 3' similar to contains Alu repetitive element;contains element MSR1 repetitive element ; )	N63269		
8865	0.008196	cDNA FLJ12091 fis, clone HEMBB1002582	AK022153		

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
8866	0.044259	DKFZp434B2122_r1 434 (synonym: htes3) cDNA clone DKFZp434B2122 5', mRNA sequence /clone=DKFZp434B2122 /clone_end=5' /gb=AL042731 /gi=5935547 /ug=Hs.292867 /len=535	AL042731	Hs.292867	
8900	0.040325	hypothetical protein FLJ10252 (FLJ10252), mRNA /cds=(99,1685) /gb=NM_018040 /gi=8922312 /ug=Hs.53913 /len=2338	NM_018040	Hs.53913	NP_060510
8913	0.007267	EST xc94a04.x1 NCI_CGAP_Brn35 cDNA clone IMAGE:2591886 3' similar to contains element MSR1 repetitive element ;	AW090604		
8915	0.013408	EST qh51c12.x1 Soares_fetal_liver_spleen_1NFLS_S1 H.sapiens cDNA clone IMAGE:1848214 3'	AI242874		
8922	0.027356	EST RC3-CT0197-100999-021-F10 CT0197 H.sapiens cDNA	AW177654		
8946	0.018081	hypothetical protein FLJ33282 (FLJ33282), mRNA /cds=(225,1523) /gb=NM_152388 /gi=22748830 /ug=Hs.346509 /len=2078	NM_152388	Hs.346509	
8950	0.016234	cDNA FLJ35790 fis, clone TEST12005720. /gb=AK093109 /gi=21751874 /ug=Hs.435026 /len=2405	AK093109	Hs.435026	
8959	0.022315	xp63c01.x1 NCI_CGAP_Ov39 cDNA clone IMAGE:2745024 3', mRNA sequence /clone=IMAGE:2745024 /clone_end=3' /gb=AW277126 /gi=6664156 /ug=Hs.254883 /len=427	AW277126	Hs.254883	
9012	0.030215	EST(AV707271 ADB cDNA clone ADBCNC11 5')	AV707271		NP_003109
9071	0.040325	clone MGC:43690 IMAGE:5271254, mRNA, complete cds /cds=(111,911) /gb=BC040606 /gi=26252017 /ug=Hs.366735 /len=3191	BC040606	Hs.366735	
9092	0.024727	EST(cDNA clone IMAGE:4430342 5' )	BG179708		NP_005819
9096	0.024727	C1q and tumor necrosis factor related protein 7 (C1QTNF7), mRNA /cds=(234,1103) /gb=NM_031911 /gi=21314748 /ug=Hs.153714 /len=3959	NM_031911	Hs.153714	NP_114117
9160	0.014551	clone IMAGE:4245930, mRNA /gb=BC017984 /gi=17389952 /ug=Hs.10683 /len=1190	BC017984	Hs.10683	

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
9235	0.033319	cDNA FLJ13558 fis, clone PLACE1007743. /gb=AK023620 /gi=10435601 /ug=Hs.86043 /len=2271	AK023620	Hs.86043	
9263	0.036684	mRNA; cDNA DKFZp564G112 (from clone DKFZp564G112) /gb=AL049990 /gi=4884242 /ug=Hs.51515 /len=1719	AL049990	Hs.51515	
9269	0.020104	EST(cDNA clone IMAGE:2368136 3' similar to gb:M15353 EUKARYOTIC INITIATION FACTOR 4E (HUMAN); )	A1742789		NP_001959
9303	0.044259	No significant match	SEQ.ID.No.29		
9317	0.030215	No significant match, ORF+1(37~252,298~399)	SEQ.ID.No.95		
9318	0.01302	No significant match	SEQ.ID.No.102		
9330	0.046353	EST(CM4-CT0310-170300-114-f06 CT0310 cDNA, MRNA sequence)	AW861413		
9347	0.014551	No significant match	SEQ.ID.No.76		
9368	0.024727	fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor) (FLT1), mRNA /cds=(250,4266) /gb=NM_002019 /gi=4503748 /ug=Hs.381093 /len=7680	NM_002019	Hs.381093	NP_002010
9389	0.036684	proteolipid protein 1 (Pelizaeus-Merzbacher disease, spastic paraplegia 2, uncomplicated) (PLP1), mRNA /cds=(122,955) /gb=NM_000533 /gi=19923103 /ug=Hs.1787 /len=2938	NM_000533	Hs.1787	NP_000524
9391	0.022315	mitochondrial ribosomal protein S31 (MRPS31), nuclear gene encoding mitochondrial protein, mRNA /cds=(22,1209) /gb=NM_005830 /gi=16950599 /ug=Hs.154655 /len=1284	NM_005830	Hs.154655	NP_005821
9415	0.027356	UPF3 regulator of nonsense transcripts A (yeast) (UPF3A), transcript variant 1, mRNA /cds=(38,1468) /gb=NM_023011 /gi=18375523 /ug=Hs.399740 /len=2381	NM_023011	Hs.399740	NP_542418
9463	0.020104	tropomyosin 3 (TPM3), mRNA /cds=(52,798) /gb=NM_153649 /gi=24119202 /ug=Hs.85844 /len=2089	NM_153649	Hs.85844	NP_705935

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
9512	0.027356	mitochondrial ribosomal protein L32 (MRPL32), nuclear gene encoding mitochondrial protein, mRNA /cds=(47,613) /gb=NM_031903 /gi=13994260 /ug=Hs.50252 /len=903	NM_031903	Hs.50252	NP_114109
9543	0.014551	NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase) (NDUFS3), mRNA /cds=(13,807) /gb=NM_004551 /gi=4758787 /ug=Hs.429506 /len=899	NM_004551	Hs.429506	NP_004542
9548	0.036684	ubiquitin specific protease 1 (USP1), mRNA /cds=(246,2603) /gb=NM_003368 /gi=21361109 /ug=Hs.35086 /len=3379	NM_003368	Hs.35086	NP_003359
9583	0.048502	nuclear receptor subfamily 4, group A, member 2 (NR4A2), transcript variant 1, mRNA /cds=(336,2132) /gb=NM_006186 /gi=27894347 /ug=Hs.82120 /len=3447	NM_006186	Hs.82120	NP_775265
9614	0.01302	ligand of numb-protein X (LNK), mRNA /cds=(236,2134) /gb=NM_032622 /gi=14249127 /ug=Hs.66295 /len=3737	NM_032622	Hs.66295	NP_116011
9632	0.024727	clone MGC:9947 IMAGE:3876105, mRNA, complete cds /cds=(51,2216) /gb=BC013590 /gi=15488925 /ug=Hs.2437 /len=2651	BC013590	Hs.2437	
9635	0.022315	hypothetical protein FLJ11838 (FLJ11838), mRNA /cds=(8,862) /gb=NM_024664 /gi=13375918 /ug=Hs.72531 /len=1430	NM_024664	Hs.72531	NP_078940
9666	0.048502	EST(za56e09.r1 Soares fetal liver spleen 1NFLS cDNA clone 296584 5')	W01022		
9681	0.030215	EST(EST185852 Colon carcinoma (HCC) cell line II 5')	AA313967		
9700	0.048502	AUT-like 1, cysteine endopeptidase (S. cerevisiae) (AUTL1), mRNA /cds=(208,1548) /gb=NM_032852 /gi=14249577 /ug=Hs.7353 /len=2576	NM_032852	Hs.7353	NP_835739
9710	0.044259	EST(nw52g07.s1 NCI_CGAP_Ew1 clone IMAGE:1250268)	AA736548		
9743	0.033319	hypothetical protein FLJ20507 (FLJ20507), mRNA /cds=(258,974) /gb=NM_017849 /gi=8923465 /ug=Hs.202955 /len=4223	NM_017849	Hs.202955	NP_060319
9757	0.020104	RAB18, member RAS oncogene family (RAB18), mRNA /cds=(63,683) /gb=NM_021252 /gi=19923574 /ug=Hs.21094 /len=2821	NM_021252	Hs.21094	NP_067075



Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
9767	0.036684	EST(wx72f07.x1 NCI_CGAP_Brn53 clone IMAGE:2549221 3' contains PTR7 repeat)	AI952357		NP_116128
9782	0.018081	EST(RC0-CT0204-240999-031-e02 CT0204)	AW752488		NP_003332
9805	0.033319	EST (qh12h02.x1 Soares_NFL_T_GBC_S1 IMAGE:1844499 3')	AI240516		
9854	0.020104	SH3-domain GRB2-like 1 (SH3GL1), mRNA /cds=(16,1122) /gb=NM_003025 /gi=4506928 /ug=Hs.97616 /len=2349	NM_003025	Hs.97616	NP_003016
9934	0.033319	aconitase 2, mitochondrial (ACO2), nuclear gene encoding mitochondrial protein, mRNA /cds=(21,2363) /gb=NM_001098 /gi=4501866 /ug=Hs.300463 /len=2467	NM_001098	Hs.300463	NP_001089
9972	0.044259	caldesmon 1 (CALD1), transcript variant 1, mRNA /cds=(230,2611) /gb=NM_033138 /gi=15149460 /ug=Hs.325474 /len=3610	NM_033138	Hs.325474	NP_149347
10188	0.01302	chromosome 20 open reading frame 77 (C20orf77), mRNA /cds=(298,1278) /gb=NM_021215 /gi=22507393 /ug=Hs.27192 /len=4219	NM_021215	Hs.27192	NP_067038
10346	0.030215	UI-E-EO1-aiv-e-19-0-UI.s1 UI-E-EO1 cDNA clone UI-E-EO1-aiv-e-19-0-UI 3', mRNA sequence /clone=UI-E-EO1-aiv-e-19-0-UI /clone_end=3' /gb=BU742864 /gi=23689787 /ug=Hs.356716 /len=1044	BU742864	Hs.356716	
10357	0.027356	ribosomal protein L23 (RPL23), mRNA /cds=(27,449) /gb=NM_000978 /gi=14591907 /ug=Hs.234518 /len=493	NM_000978	Hs.234518	NP_000969
10375	0.020104	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 32 (DDX32), mRNA /cds=(492,2723) /gb=NM_018180 /gi=20336299 /ug=Hs.171835 /len=3070	NM_018180	Hs.171835	NP_060650
10377	0.033319	EST (on60a02.s1 Soares_NFL_T_GBC_S1 IMAGE:1561034 3')	AA977467		
10433	0.044259	clone IMAGE:5275753, mRNA /gb=BC044623 /gi=27882398 /ug=Hs.418416 /len=1997	BC044623	Hs.418416	
10462	0.013822	EST (zs87f05.s1 NCI_CGAP_GCB1 cDNA clone IMAGE:704481 3')	AA279790		

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
10480	0.040325	cDNA, 3' end /clone=IMAGE:1573685 /clone_end=3' /gb=AI733318 /gi=5054431 /ug=Hs.128357 /len=555	AI733318	Hs.128357	NP_849172
10486	0.018081	zw70c12.s1 Soares_testis_NHT cDNA clone IMAGE:781558 3', mRNA sequence /clone=IMAGE:781558 /clone_end=3' /gb=AA431310 /gi=2115018 /ug=Hs.98724 /len=365	AA431310	Hs.98724	
10505	0.007267	mRNA; cDNA DKFZp451B134 (from clone DKFZp451B134) /gb=AL832009 /gi=21732549 /ug=Hs.102796 /len=4843	AL832009	Hs.102796	
10510	0.020841	3'-5' RNA exonuclease (OLD35), mRNA /cds=(19,2370) /gb=NM_033109 /gi=24308347 /ug=Hs.392004 /len=2616	NM_033109	Hs.392004	NP_149100
10522	0.044259	EST(cDNA clone IMAGE:4151045 5' )	BF343757		NP_078836
10589	0.018081	BX104984 Soares placenta Nb2HP cDNA clone IMAGp998G22188, mRNA sequence /clone=IMAGp998G22188_/_IMAGE:133677 /gb=BX104984 /gi=27833283 /ug=Hs.287980 /len=752	BX104984	Hs.287980	
10612	0.044259	cDNA FLJ39382 fis, clone PERIC2000473. /gb=AK096701 /gi=21756253 /ug=Hs.293799 /len=2425	AK096701	Hs.293799	
10618	0.044259	EST(cDNA clone CS0DF024YE20 3 prime )	AL567394		NP_003109
10631	0.042188	EST380924 cDNA /gb=AW968848/gi=8158689 /ug=Hs.268326 /len=746	AW968848	Hs.268326	
10661	0.018081	ip18c02.y1 HR85 islet cDNA clone IMAGE:6217706 5', mRNA sequence /clone=IMAGE:6217706 /clone_end=5' /gb=CA777576 /gi=26015451 /ug=Hs.115779 /len=700	CA777576	Hs.115779	
10685	0.044259	UI-CF-EN1-acq-g-14-0-UI.s1 UI-CF-EN1 cDNA clone UI-CF-EN1-acq-g-14-0-UI 3', mRNA sequence /clone=UI-CF-EN1-acq-g-14-0-UI /clone_end=3' /gb=BM982571 /gi=19606203 /ug=Hs.429805 /len=693	BM982571	Hs.429805	
10701	0.018081	cDNA FLJ90504 fis, clone NT2RP3004090, weakly similar to GOLIATH PROTEIN. /cds=(103,1305) /gb=AK074985 /gi=22760786 /ug=Hs.171802 /len=2452	AK074985	Hs.171802	NP_775918

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
10737	0.016234	cDNA FLJ11997 fis, clone HEMBB1001458. /gb=AK022059 /gi=10433379 /ug=Hs.432755 /len=2393	AK022059	Hs.432755	
10809	0.033319	estrogen receptor gene, 5' partial (422 bp)	AJ002562		
10821	0.048502	601584240F1 NIH_MGC_7 cDNA clone IMAGE:3938912 5', mRNA sequence /clone=IMAGE:3938912 /clone_end=5' /gb=BE798289 /gi=10219487 /ug=Hs.446578 /len=793	BE798289	Hs.446578	
10842	0.030215	EST (nc45b12.s1 NCI_CGAP_Pr3 cDNA clone IMAGE:1011071 similar to contains Alu repetitive element)	AA229160		
10847	0.048502	hypothetical protein MGC3200 (MGC3200), mRNA /cds=(108,764) /gb=NM_032305 /gi=14150063 /ug=Hs.9088 /len=1191	NM_032305	Hs.9088	NP_115681
10860	0.048502	mitochondrion, complete genome	NC_001807		
10863	0.033319	EST(TCBAP1E0695 Pediatric pre-B cell acute lymphoblastic leukemia Baylor-HGSC project=TCBA clone TCBAP0695)	BE243837		NP_006241
10893	0.020104	hypothetical protein FLJ33167 (FLJ33167), mRNA /cds=(217,1899) /gb=NM_152683 /gi=22749372 /ug=Hs.351470 /len=2078	NM_152683	Hs.351470	NP_689896
10927	0.036684	cDNA FLJ30816 fis, clone FEBRA2001571. /gb=AK055378 /gi=16550091 /ug=Hs.350229 /len=2296	AK055378	Hs.350229	
10966	0.040325	mRNA; cDNA DKFZp586C1723 (from clone DKFZp586C1723) /gb=AL050192 /gi=4884408 /ug=Hs.80285 /len=1797	AL050192	Hs.80285	
10997	0.048502	mRNA; cDNA DKFZp313C0432 (from clone DKFZp313C0432) /gb=AL833123 /gi=21733744 /ug=Hs.134366 /len=2626	AL833123	Hs.134366	
11004	0.024727	Similar to UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 9 (GalNAc-T9), clone MGC:43305 IMAGE:5265475, mRNA, complete cds /cds=(416,2239) /gb=BC037341 /gi=22713621 /ug=Hs.351204 /len=2525	BC037341	Hs.351204	

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
11082	0.022315	UI-1-BB1p-avc-e-03-0-UI.s1 NCI_CGAP_PI6 cDNA clone UI-1-BB1p-avc-e-03-0-UI 3', mRNA sequence /clone=UI-1-BB1p-avc-e-03-0-UI /clone_end=3' /gb=BU754312 /gi=23713100 /ug=Hs.355575 /len=1086	BU754312	Hs.355575	
11160	0.033319	Similar to LOC168246, clone MGC:40162 IMAGE:4995539, mRNA, complete cds /cds=(214,402) /gb=BC027989 /gi=20380198 /ug=Hs.180059 /len=1748	BC027989	Hs.180059	
11167	0.033319	cDNA FLJ31063 fis, clone HSYRA2001105	AK055625		
11198	0.042188	cDNA FLJ23679 fis, clone HEP09084. /gb=AK074259 /gi=18676812 /ug=Hs.351597 /len=2006	AK074259	Hs.351597	
11287	0.048502	fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid-specific) (FUT4), mRNA /cds=(174,1766) /gb=NM_002033 /gi=4503810 /ug=Hs.2173 /len=2861	NM_002033	Hs.2173	NP_002024
11328	0.033319	solute carrier family 16 (monocarboxylic acid transporters), member 2 (putative transporter) (SLC16A2), mRNA /cds=(167,2008) /gb=NM_006517 /gi=5730044 /ug=Hs.75317 /len=4371	NM_006517	Hs.75317	NP_006508
11330	0.01302	mitochondrial ribosomal protein L9 (MRPL9), nuclear gene encoding mitochondrial protein, mRNA /cds=(86,889) /gb=NM_031420 /gi=22035596 /ug=Hs.288936 /len=1314	NM_031420	Hs.288936	NP_113608
11339	0.040325	hypothetical protein FLJ20986 (FLJ20986), mRNA /cds=(1758,3863) /gb=NM_024524 /gi=21362055 /ug=Hs.324507 /len=5226	NM_024524	Hs.324507	NP_078800
11391	0.011629	putative S1 RNA binding domain protein (PS1D), mRNA /cds=(137,862) /gb=NM_016505 /gi=21361575 /ug=Hs.54971 /len=1602	NM_016505	Hs.54971	NP_057589
11397	0.033319	Niemann-Pick disease, type C2 (NPC2), mRNA /cds=(116,571) /gb=NM_006432 /gi=20149580 /ug=Hs.433222 /len=929	NM_006432	Hs.433222	NP_006423

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
11410	0.007267	ring finger protein 38 (RNF38), mRNA /cds=(563,1861) /gb=NM_022781 /gi=21918874 /ug=Hs.77823 /len=4694	NM_022781	Hs.77823	NP_073618
11439	0.006431	hypothetical protein FLJ10292 (FLJ10292), mRNA /cds=(53,499) /gb=NM_018048 /gi=21361685 /ug=Hs.104650 /len=2579	NM_018048	Hs.104650	NP_060518
11459	0.016234	chromodomain helicase DNA binding protein 1-like (CHD1L), mRNA /cds=(332,1897) /gb=NM_024568 /gi=24308292 /ug=Hs.14570 /len=2936	NM_024568	Hs.14570	NP_078844
11507	0.048502	ATPase, H transporting, lysosomal 13kDa, V1 subunit G isoform 1 (ATP6V1G1), mRNA /cds=(94,450) /gb=NM_004888 /gi=20357534 /ug=Hs.90336 /len=1110	NM_004888	Hs.90336	NP_004879
11514	0.048502	chromosome 21 open reading frame 33 (C21orf33), mRNA /cds=(85,891) /gb=NM_004649 /gi=5031690 /ug=Hs.182423 /len=1652	NM_004649	Hs.182423	NP_004640
11546	0.020104	EST(PM3-NT0011-120400-001-b03 NT0011)	AW888715		
11553	0.022315	EST(yv89b04.s1 clone 249871 3')	H96982		NP_775876
11572	0.044259	ir85f07.x1 HR85 islet cDNA clone IMAGE:6609350 3', mRNA sequence /clone=IMAGE:6609350 /clone_end=3' /gb=CA943825 /gi=27432305 /ug=Hs.347857 /len=591	CA943825	Hs.347857	
11573	0.010368	EST(STS WI-10817)	G11888		
11591	0.048502	EST(zx08b10.s1 Soares total fetus Nb2HF8 9w clone 785851 3')	AA449121		
11595	0.020104	hypothetical protein FLJ22104 (FLJ22104), mRNA /cds=(63,1127) /gb=NM_022918 /gi=12597666 /ug=Hs.183887 /len=2952	NM_022918	Hs.183887	NP_075069
11637	0.020104	EST(at70b02.x1 Barstead colon HPLRB7 clone IMAGE:2377323 3' contains L1.t3 L1 repeat)	AI832565		
11680	0.048502	EST ys96h09.r1 Soares retina N2b5HR cDNA clone IMAGE:222689 5'	H84275		
11682	0.010368	EST(zt35h04.r1 Soares ovary tumor NbHOT cDNA clone IMAGE:724375 5')	AA411101		NP_751896

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
11699	0.048502	hypothetical protein MGC5306 (MGC5306), mRNA /cds=(207,1043) /gb=NM_024116 /gi=13129135 /ug=Hs.301732 /len=2336	NM_024116	Hs.301732	NP_077021
11784	0.036684	sperm associated antigen 9 (SPAG9), transcript variant 1, mRNA /cds=(79,4002) /gb=NM_003971 /gi=27436919 /ug=Hs.129872 /len=4663	NM_003971	Hs.129872	NP_758853
11812	0.033319	wl84f02.x1 NCI_CGAP_Brn25 cDNA clone IMAGE:2431611 3', mRNA sequence /clone=IMAGE:2431611 /clone_end=3' /gb=AI884779 /gi=5589943 /ug=Hs.380770 /len=527	AI884779	Hs.380770	
11841	0.033319	lin-7 C (C. elegans) (LIN7C), mRNA /cds=(22,615) /gb=NM_018362 /gi=8922943 /ug=Hs.91393 /len=2372	NM_018362	Hs.91393	NP_060832
11888	0.005008	FLJ00071 protein, partial cds /cds=UNKNOWN /gb=AK024478 /gi=10440469 /ug=Hs.7049 /len=4194	AK024478	Hs.7049	NP_060856
11916	0.022315	Probe hTg737 (polycystic kidney disease, autosomal recessive) (TG737), transcript variant 1, mRNA /cds=(358,2832) /gb=NM_175605 /gi=28329441 /ug=Hs.2291 /len=3035	NM_175605	Hs.2291	NP_783195
11923	0.044259	unidentified mRNA, partial sequence. /gb=U43604 /gi=1171236 /ug=Hs.159901 /len=1677	U43604	Hs.159901	
11959	0.036684	similar to cortistatin (H. sapiens) (LOC126684), mRNA	XM_010524		
11964	0.027356	golgi reassembly stacking protein 2, 55kDa (GORASP2), mRNA /cds=(52,1524) /gb=NM_015530 /gi=20127538 /ug=Hs.6880 /len=2424	NM_015530	Hs.6880	NP_056345
11973	0.036684	mitochondrion, complete genome	NC_001807		
12005	0.005681	EST(no44e03.s1 NCI_CGAP_Pr23 cDNA clone IMAGE:1103548)	AA622352		
12019	0.00666	EST(zv83c02.s1 Soares total fetus Nb2HF8 9w clone 760226 3' contains MER14.t2 MER14 repeat)	AA425140		
12043	0.036684	EST385456 MAGE resequences, MAGM	AW973463		
12165	0.007267	EST CM3-HT0185-061099-021-c03 HT0185 cDNA	BE144941		
12183	0.020104	cDNA sequence (cDNA FLJ14256 fis, clone PLACE1000007, weakly similar to PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE R10E11.3) Length = 3176	AK024318		NP_073743

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
12189	0.044259	EST AV750486 NPC H.sapiens cDNA clone NPCDCFO6 5'	AV750486		
12191	0.01302	kruppel-like zinc finger protein (ZNF300), mRNA /cds=(268,2082) /gb=NM_052860 /gi=16604251 /ug=Hs.288928 /len=3104	NM_052860	Hs.288928	NP_443092
12193	0.048502	EST (yd68e02.s1 Soares fetal liver spleen 1NFLS IMAGE:113402 3')	T78464		NP_000436
12210	0.048502	cDNA FLJ38039 fis, clone CTONG2013934. /gb=AK095358 /gi=21754600 /ug=Hs.46506 /len=2956	AK095358	Hs.46506	
12220	0.027356	wb40b11.x1 NCI_CGAP_GC6 cDNA clone IMAGE:2308125 3', mRNA sequence /clone=IMAGE:2308125 /clone_end=3' /gb=AI652865 /gi=4736844 /ug=Hs.374238 /len=598	AI652865	Hs.374238	
12242	0.030215	EST372182 MAGE resequences, MAGF	AW960111		
12244	0.040325	EST(601812732F1 NIH_MGC_54 cDNA clone IMAGE:4047222 5')	BF211120		NP_071942
12245	0.016234	EST380358 MAGE resequences, MAGJ cDNA, mRNA sequence /gb=AW968163 /gi=8158123 /ug=Hs.432535 /len=557	AW968163	Hs.432535	
12287	0.040325	EST(HS_2057_B2_G07_MR CIT Approved Genomic Sperm Library D genomic clone Plate=2057 Col=14 Row=N)	AQ901098		
12316	0.048502	oc55d08.s1 NCI_CGAP_GCB1 cDNA clone IMAGE:1353615 3', mRNA sequence /clone=IMAGE:1353615 /clone_end=3' /gb=AA830598 /gi=2903697 /ug=Hs.266825 /len=512	AA830598	Hs.266825	
12326	0.009227	EST(UI-H-BI3-akh-f-06-0-UI.s1 NCI_CGAP_Sub5 cDNA clone IMAGE:2734235 3')	AW449287		
12355	0.01302	cDNA FLJ36238 fis, clone THYMU2001422. /gb=AK093557 /gi=21752458 /ug=Hs.345588 /len=2269	AK093557	Hs.345588	
12507	0.024727	UI-E-CQ1-acq-b-08-0-UI.r1 UI-E-CQ1 cDNA clone UI-E-CQ1-acq-b-08-0-UI 5', mRNA sequence /clone=UI-E-CQ1-acq-b-08-0-UI /clone_end=5' /gb=BM688644 /gi=19001902 /ug=Hs.253634 /len=1017	BM688644	Hs.253634	

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
12509	0.038336	EST(NISC_It08e07.y1 COGENE 8.5 EPT Homo sapiens cDNA clone IMAGE:5606125 5')	CA335266		
12515	0.048502	stress 70 protein chaperone, microsomal-associated, 60kDa (STCH), mRNA /cds=(37,1452) /gb=NM_006948 /gi=24431965 /ug=Hs.352341 /len=3998	NM_006948	Hs.352341	NP_008879
12517	0.040325	UI-H-DP0-avt-a-17-0-UI.s1 NCI_CGAP_Fs1 cDNA clone IMAGE:5883928 3', mRNA sequence /clone=IMAGE:5883928 /clone_end=3' /gb=BQ000272 /gi=19725172 /ug=Hs.371473 /len=1051	BQ000272	Hs.371473	
12530	0.048502	AGENCOURT_7566238 NIH_MGC_92 cDNA clone IMAGE:6043519 5', mRNA sequence /clone=IMAGE:6043519 /clone_end=5' /gb=BQ226831 /gi=20408231 /ug=Hs.21887 /len=1223	BQ226831	Hs.21887	
12572	0.020104	EST, clone IMAGE:4151959, mRNA /cds=UNKNOWN /gb=BC011194 /gi=15277441 /ug=Hs.367863 /len=1842	BC011194	Hs.367863	
12608	0.044259	mRNA; cDNA DKFZp586L081 (from clone DKFZp586L081) /gb=AL080234 /gi=5262727 /ug=Hs.432862 /len=2159	AL080234	Hs.432862	
12669	0.044259	hypothetical protein FLJ31438 (FLJ31438), mRNA /cds=(347,2107) /gb=NM_152385 /gi=22748824 /ug=Hs.24423 /len=2266	NM_152385	Hs.24423	NP_689598
12671	0.007267	cDNA FLJ40904 fis, clone UTERU2004564. /gb=AK098223 /gi=21758192 /ug=Hs.375905 /len=2224	AK098223	Hs.375905	
12686	0.040325	mucosa associated lymphoid tissue lymphoma translocation gene 1 (MALT1), transcript variant 1, mRNA /cds=(259,2733) /gb=NM_006785 /gi=27886564 /ug=Hs.180566 /len=5029	NM_006785	Hs.180566	NP_776216
12697	0.048502	mitochondrion, complete genome	NC_001807		
12706	0.011629	hypothetical protein MGC14801 (MGC14801), mRNA /cds=(132,416) /gb=NM_032705 /gi=14249301 /ug=Hs.132816 /len=762	NM_032705	Hs.132816	NP_116094



Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
12707	0.009227	mRNA for KIAA1902 protein, partial cds. /cds=(79,3417) /gb=AB067489 /gi=15620862 /ug=Hs.7149 /len=5344	AB067489	Hs.7149	
12714	0.024727	mRNA for KIAA0789 protein, partial cds. /cds=(580,2442) /gb=AB018332 /gi=14133216 /ug=Hs.158319 /len=4217	AB018332	Hs.158319	
12731	0.010368	BX099644 NCI_CGAP_Kid3 cDNA clone IMAGp998A103336, mRNA sequence /clone=IMAGp998A103336 ;_IMAGE:1 323153 /gb=BX099644 /gi=27830124 /ug=Hs.125353 /len=472	BX099644	Hs.125353	
12734	0.016234	mRNA for FLJ00201 protein. /cds=(1,2119) /gb=AK074129 /gi=18676605 /ug=Hs.353001 /len=4443	AK074129	Hs.353001	
12764	0.048502	UI-H-EU1-bac-h-16-0-UI.s1 NCI_CGAP_Ct1 cDNA clone UI-H-EU1-bac-h-16-0-UI 3', mRNA sequence /clone=UI-H-EU1-bac-h-16-0-UI /clone_end=3' /gb=BQ447010 /gi=21250122 /ug=Hs.437398 /len=1089	BQ447010	Hs.437398	
12775	0.027356	acidic (leucine-rich) nuclear phosphoprotein 32 family, member B (ANP32B), mRNA /cds=(211,966) /gb=NM_006401 /gi=5454087 /ug=Hs.84264 /len=1475	NM_006401	Hs.84264	NP_006392
12831	0.044259	AL571019 LTI_NFL006_PL2 cDNA clone CS0DI028YD01 3 prime, mRNA sequence /clone=CS0DI028YD01 /clone_end=3' /gb=AL571019 /gi=12927901 /ug=Hs.397285 /len=345	AL571019	Hs.397285	
12837	0.048502	cDNA, 5' end /clone=IMAGE:5214599 /clone_end=5' /gb=BI911779 /gi=16175651 /ug=Hs.121740 /len=818	BI911779	Hs.13370	NP_054763
12871	0.024727	wg97c03.x1 NCI_CGAP_Kid11 cDNA clone IMAGE:2379172 3' similar to contains L1.b1 L1 repetitive element ;, mRNA sequence /clone=IMAGE:2379172 /clone_end=3' /gb=AI762342 /gi=5178009 /ug=Hs.304298 /len=531	AI762342	Hs.304298	

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
12878	0.040325	cDNA PSEC0152 fis, clone PLACE1007885. /cds=(20,1144) /gb=AK075459 /gi=22761560 /ug=Hs.350475 /len=2130	AK075459	Hs.350475	
12882	0.014551	DKFZp564A2463 (from clone DKFZp564A2463) /cds=UNKNOWN /gb=AL137573 /gi=6808283 /ug=Hs.43143 /len=1320	AL137573	Hs.43143	
12902	0.044259	ESTs, FLJ25251 fis, clone STM03603 /cds=UNKNOWN /gb=AK057980 /gi=16553972 /ug=Hs.256801 /len=1727	AK057980	Hs.256801	
12974	0.027356	BX101970 Soares fetal liver spleen 1NFLS cDNA clone IMAGp998A1818, mRNA sequence /clone=IMAGp998A1818_ IMAGE:663 29 /gb=BX101970 /gi=27831534 /ug=Hs.12950 /len=677	BX101970	Hs.12950	
12981	0.044259	selenoprotein H (SELH), mRNA /cds=(243,611) /gb=NM_170746 /gi=25014108 /ug=Hs.290874 /len=834	NM_170746	Hs.290874	NP_734467
13016	0.033319	AGENCOURT_6613737 NIH_MGC_41 cDNA clone IMAGE:5474977 5', mRNA sequence /clone=IMAGE:5474977 /clone_end=5' /gb=BM912985 /gi=19363364 /ug=Hs.351869 /len=1565	BM912985	Hs.351869	
13065	0.044259	control			
13083	0.048502	No significant match	SEQ.ID.No.31		
13166	0.030215	hypothetical protein FLJ22029 (FLJ22029), mRNA /cds=(40,1473) /gb=NM_024949 /gi=21361978 /ug=Hs.285243 /len=4189	NM_024949	Hs.285243	NP_079225
13190	0.022315	membrane-spanning 4-domains, subfamily A, member 6A (MS4A6A), transcript variant 1, mRNA /cds=(239,985) /gb=NM_152852 /gi=23238237 /ug=Hs.17914 /len=1564	NM_152852	Hs.17914	NP_690591
13289	0.036684	cDNA: FLJ23538 fis, clone LNG08010, highly similar to BETA2 MEN1 region clone epsilon/beta mRNA. /gb=AK027191 /gi=10440260 /ug=Hs.240443 /len=1746	AK027191	Hs.240443	

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
13299	0.044259	likely ortholog of mouse acyl-Coenzyme A thioesterase 2, mitochondrial (ACATE2), mRNA /cds=(148,1368) /gb=NM_012332 /gi=6912517 /ug=Hs.18625 /len=1954	NM_012332	Hs.18625	NP_036464
13356	0.033319	GM2 ganglioside activator protein (GM2A), mRNA /cds=(96,677) /gb=NM_000405 /gi=16507969 /ug=Hs.289082 /len=2478	NM_000405	Hs.289082	NP_000396
13380	0.048502	similar to HYPOTHETICAL 34.0 KDA PROTEIN ZK795.3 IN CHROMOSOME IV (MGC19606), mRNA /cds=(18,893) /gb=NM_033416 /gi=15529981 /ug=Hs.91579 /len=1074	NM_033416	Hs.91579	NP_219484
13385	0.027356	membrane-bound transcription factor protease, site 1 (MBTPS1), mRNA /cds=(497,3655) /gb=NM_003791 /gi=4506774 /ug=Hs.75890 /len=4338	NM_003791	Hs.75890	NP_003782
13392	0.034779	hypothetical protein FLJ30162 (FLJ30162), mRNA /cds=(272,841) /gb=NM_152731 /gi=22749448 /ug=Hs.311163 /len=2278	NM_152731	Hs.311163	NP_689944
13407	0.01302	EST(zi68c01.s1 Soares fetal liver spleen 1NFLS S1 cDNA clone 435936 3')	AA701957		
13421	0.033319	EST(z063g01.s1 Stratagene panCREas (#937208) clone IMAGE:591600 3' contains Alu repeat)	AA158759		
13445	0.009227	PEST-containing nuclear protein (PCNP), mRNA /cds=(19,555) /gb=NM_020357 /gi=9966826 /ug=Hs.71618 /len=2250	NM_020357	Hs.71618	NP_065090
13470	0.036684	putative intramembrane cleaving protease (SPPL2A), mRNA /cds=(144,1706) /gb=NM_032802 /gi=21314754 /ug=Hs.28980 /len=2012	NM_032802	Hs.28980	NP_116191
13513	0.022315	EST(PM3-SN0020-270300-001-h08 SN0020)	AW865025		NP_115668
13556	0.014551	EST (RC4-BT0311-251199-012-c08 BT0311)	BE064435		
13571	0.025072	EST (7d70f02.x1 NCI_CGAP_Lu24 IMAGE:3278331 3')	BE673855		
13584	0.016234	PTK7 protein tyrosine kinase 7 (PTK7), transcript variant PTK7-1, mRNA /cds=(199,3411) /gb=NM_002821 /gi=27886610 /ug=Hs.90572 /len=4249	NM_002821	Hs.90572	NP_690622

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
13620	0.022315	cDNA FLJ36860 fis, clone ASTRO2015295. /gb=AK094179 /gi=21753186 /ug=Hs.352406 /len=2882	AK094179	Hs.352406	NP_612398
13633	0.040325	guanine nucleotide binding protein (G protein), beta polypeptide 2 (GNB2), mRNA /cds=(259,1281) /gb=NM_005273 /gi=20357528 /ug=Hs.91299 /len=1666	NM_005273	Hs.91299	NP_005264
13746	0.044259	mRNA; cDNA DKFZp451N2217 (from clone DKFZp451N2217) /gb=AL832616 /gi=21733191 /ug=Hs.335812 /len=4940	AL832616	Hs.335812	
13774	0.020104	fetal Alzheimer antigen (FALZ), mRNA /cds=(37,2469) /gb=NM_004459 /gi=6552329 /ug=Hs.99872 /len=2616	NM_004459	Hs.99872	NP_004450
13782	0.022315	citrate synthase (CS), nuclear gene encoding mitochondrial protein, mRNA /cds=(1,1401) /gb=NM_004077 /gi=4758075 /ug=Hs.239760 /len=1401	NM_004077	Hs.239760	NP_004068
13798	0.048502	SET binding protein 1 (SETBP1), mRNA /cds=(6,4634) /gb=NM_015559 /gi=7662121 /ug=Hs.151717 /len=5744	NM_015559	Hs.151717	NP_056374
13836	0.048502	non-SMC (structural maintenance of chromosomes) element 1 protein (NSE1), mRNA /cds=(24,794) /gb=NM_145080 /gi=21489972 /ug=Hs.284295 /len=992	NM_145080	Hs.284295	NP_659547
13878	0.048502	EST(yr18g03.r1 cDNA clone 205684 5')	H63006		
13885	0.016234	EST DKFZp434H1418_r1 434 (synonym:htes3) cDNA clone DKFZp434H1418	AL048856		NP_006531
13889	0.016234	protein phosphatase 1, regulatory (inhibitor) subunit 3C (PPP1R3C), mRNA /cds=(58,1011) /gb=NM_005398 /gi=21314622 /ug=Hs.303090 /len=2524	NM_005398	Hs.303090	NP_005389
13953	0.044259	hypothetical protein FLJ20287 (FLJ20287), mRNA /cds=(132,2921) /gb=NM_017746 /gi=8923268 /ug=Hs.26369 /len=3043	NM_017746	Hs.26369	NP_060216
13955	0.023168	cDNA FLJ32123 fis, clone PEBLM1000174. /gb=AK056685 /gi=16552158 /ug=Hs.349397 /len=2326	AK056685	Hs.349397	

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
13974	0.036684	mRNA for KIAA1013 protein, partial cds. /cds=(1,3189) /gb=AB023230 /gi=4589675 /ug=Hs.96427 /len=4783	AB023230	Hs.96427	
14029	0.036684	EST (zk36c07.r Soares_pregnant_uterus_NbHPU IMAGE:484908 5')	AA037529		
14032	0.016234	cDNA sequence (cDNA sequence FLJ11736 fis, clone HEMBA1005468)	AK021798		
14051	0.044259	EST(yh44h12.r1 Soares placenta Nb2HP cDNA clone IMAGE:132647 5')	R26018		
14059	0.016234	EST (cDNA clone IMAGE:2490676 3')	AI972954		NP_000996
14097	0.018081	MR0-HT0559-290500-027-d10 HT0559 cDNA, mRNA sequence /gb=BE708268 /gi=10096533 /ug=Hs.209224 /len=619	BE708268	Hs.209224	
14098	0.027356	clone IMAGE:5261776, mRNA /gb=BC035093 /gi=23272456 /ug=Hs.288339 /len=1880	BC035093	Hs.288339	
14130	0.044259	EST (yx14d09.r1 Soares melanocyte 2NbHM IMAGE:261713 5')	N23550		
14135	0.027356	mitochondrion, complete genome	NC_001807		
14171	0.036684	nz80g08.s1 NCI_CGAP_GCB1 cDNA clone IMAGE:1301822 3', mRNA sequence /clone=IMAGE:1301822 /clone_end=3' /gb=AA767226 /gi=2818241 /ug=Hs.368058 /len=542	AA767226	Hs.368058	
14192	0.024727	EST(PM0-HT0452-140100-002-a07 HT0452)	AW607067		NP_000198
14240	0.030215	EST(cDNA clone IMAGE:1076536 3' similar to TR:G56589 G56589 LONG INTERSPERSED REPETITIVE DNA CONTAINING 7 ORF'S. ;contains L1.t3 L1 repetitive element ; )	AA592920		
14244	0.033319	cDNA FLJ11946 fis, clone HEMBB1000709. /gb=AK022008 /gi=10433321 /ug=Hs.323231 /len=3241	AK022008	Hs.323231	
14265	0.028482	UI-H-EZ1-bbj-p-15-0-UI.s1 NCI_CGAP_Ch2 cDNA clone UI-H-EZ1-bbj-p-15-0-UI 3', mRNA sequence /clone=UI-H-EZ1-bbj-p-15-0-UI /clone_end=3' /gb=BQ771691 /gi=21980167 /ug=Hs.435931 /len=1072	BQ771691	Hs.435931	
14276	0.027356	FLJ11984 fis, clone HEMBB1001348 /cds=UNKNOWN /gb=AK022046 /gi=10433365 /ug=Hs.293922 /len=3161	AK022046	Hs.293922	

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
14280	0.048502	cDNA clone IMAGE:5243592 5'/603179205F1 NIH_MGC_121	BI914006		
14292	0.044259	EST(WashU MPIMG EST Danio rerio cDNA clone IMAGE:3728540 3' )	AI965287		
14305	0.033319	hh32h11.x1 NCI_CGAP_Lu24 cDNA clone IMAGE:2956869 3', mRNA sequence /clone=IMAGE:2956869 /clone_end=3' /gb=AW615336 /gi=7320522 /ug=Hs.281215 /len=391	AW615336	Hs.281215	
14322	0.018081	clone IMAGE:4297077, mRNA /gb=BC017920 /gi=17389820 /ug=Hs.375771 /len=1247	BC017920	Hs.375771	
14332	0.040325	EST(cDNA clone IMAGE:1860591 3' similar to contains MER30.b2 MER30 repetitive element ; )	AI199593		
14365	0.010368	EST (UI-H-BI2-agu-d-09-0-UI.s1 3' end) /clone=IMAGE:2725672 /clone_end=3' /gb=AW292213 /gi=6698849 /ug=Hs.255048 /len=318	AW292213	Hs.255048	
14374	0.01302	RC4-HT0277-160200-013-d07 HT0277 cDNA, mRNA sequence /gb=BE151126 /gi=8613847 /ug=Hs.158600 /len=571	BE151126	Hs.158600	
14390	0.020104	BX097880 NCI_CGAP_Thy1 cDNA clone IMAGp998F242841, mRNA sequence /clone=IMAGp998F242841_ ; IMAGE:1133207 /gb=BX097880 /gi=27829041 /ug=Hs.208961 /len=354	BX097880	Hs.208961	
14406	0.02571	EST, cDNA, 5' end /clone=UI-E-CL1-afd-06-0-UI /clone_end=5' /gb=BM692499 /gi=19005757 /ug=Hs.354146 /len=577	BM692499	Hs.354146	
14431	0.015011	cDNA clone e443-f /He443-f Adult heart, Clontech	T82627		
14444	0.027356	mitochondrion, complete genome	NC_001807		
14445	0.018081	BX117007 NCI_CGAP_Lu5 cDNA clone IMAGp998F154684, mRNA sequence /clone=IMAGp998F154684_ ; IMAGE:1910414 /gb=BX117007 /gi=27840344 /ug=Hs.240728 /len=496	BX117007	Hs.240728	
14449	0.018081	clone 25023 mRNA sequence /gb=AF131817 /gi=4406652 /ug=Hs.90858 /len=1466	AF131817	Hs.90858	
14486	0.020104	No significant match, ORF+1(121~228),+3(240~353)	SEQ.ID.No.10		
14514	0.027356	EST xv68d08.x1 NCI_CGAP_Lu28 cDNA clone IMAGE:2818287 3'	AW273612		NP_068373

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
14528	0.022315	EST (EST34421 Embryo, 6 week I cDNA 5' end similar to EST containing L1 repeat)	AA330691		
14535	0.008374	EST (oh07d11.s1 NCI_CGAP_Kid3 cDNA clone IMAGE:1457109 3')	AA862627		
14546	0.048502	EST (601819273F1 NIH_MGC_58 cDNA clone IMAGE:4051098 5')	BF130672		NP_003655
14567	0.020104	UI-H-FH1-bfp-m-06-0-UI.s1 NCI_CGAP_FH1 cDNA clone UI-H-FH1-bfp-m-06-0-UI 3', mRNA sequence /clone=UI-H-FH1-bfp-m-06-0-UI /clone_end=3' /gb=BU619573 /gi=23285788 /ug=Hs.312629 /len=1168	BU619573	Hs.312629	
14593	0.016776	EST (oy90d09.x1 Soares_fetal_liver_spleen_1NFLS_S1 cDNA clone IMAGE:1673105 3')	AI051247		
14624	0.018715	cDNA FLJ37264 fis, clone BRAMY2011105. /gb=AK094583 /gi=21753670 /ug=Hs.185018 /len=2047	AK094583	Hs.185018	
14715	0.048502	ADP-ribosylation factor-like 6 interacting protein (ARL6IP), mRNA /cds=(70,681) /gb=NM_015161 /gi=24308006 /ug=Hs.75249 /len=2280	NM_015161	Hs.75249	NP_055976
14718	0.048502	cDNA PSEC0070 fis, clone NT2RP2001508, moderately similar to OLIGOSACCHARYL TRANSFERASE STT3 SUBUNIT. /cds=(94,954) /gb=AK075380 /gi=22761428 /ug=Hs.183454 /len=2510	AK075380	Hs.183454	NP_849193
14719	0.033319	EST(cDNA clone IMAGE:2387836 3' similar to contains Alu repetitive element;contains element MER22 repetitive element ;)	AI760555		NP_658913
14720	0.024727	cDNA FLJ32224 fis, clone PLACE6004336. /gb=AK056786 /gi=16552290 /ug=Hs.406907 /len=3076	AK056786	Hs.406907	
14724	0.013408	HNC17-1-F3.R HNC Normal Cartilage) cDNA, mRNA sequence /gb=BG927109 /gi=14321632 /ug=Hs.145637 /len=614	BG927109	Hs.145637	
14748	0.022315	EST(K0830A11-3 NIA Mouse 8.5-dpc Whole Embryo cDNA Library (Long) Mus musculus cDNA clone K0830A11 - 21M13 Forward)	BM249217		NP_082518

Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
14753	0.028482	FLJ14068 fis, clone HEMBB1001500 /cds=UNKNOWN /gb=AK024130 /gi=10436435 /ug=Hs.287620 /len=3901	AK024130	Hs.287620	
14790	0.038336	cDNA FLJ40926 fis, clone UTERU2006524. /gb=AK098245 /gi=21758221 /ug=Hs.303205 /len=2110	AK098245	Hs.303205	
14806	0.033319	cDNA FLJ14279 fis, clone PLACE1005574. /gb=AK024341 /gi=10436703 /ug=Hs.250383 /len=2005	AK024341	Hs.250383	
14807	0.016234	clone IMAGE:5186761, mRNA /gb=BC044843 /gi=27924105 /ug=Hs.125346 /len=1589	BC044843	Hs.125346	
14825	0.023168	clone IMAGE:3847423, mRNA /gb=BC020562 /gi=18088249 /ug=Hs.352245 /len=2742	BC020562	Hs.352245	
14833	0.036684	EST380251 MAGE resequences, MAGJ cDNA, mRNA sequence /gb=AW968281 /gi=8158016 /ug=Hs.319460 /len=689	AW968281	Hs.319460	
14851	0.044259	UI-H-BW1-amm-h-09-0-UI.s1 NCI_CGAP_Sub7 cDNA clone IMAGE:3070696 3', mRNA sequence /clone=IMAGE:3070696 /clone_end=3' /gb=BF512783 /gi=11597962 /ug=Hs.443691 /len=568	BF512783	Hs.443691	
14859	0.016234	cDNA FLJ13364 fis, clone PLACE1000292 /cds=UNKNOWN /gb=AK023426 /gi=10435358 /ug=Hs.28959 /len=2775	AK023426	Hs.28959	
14870	0.018081	602035495F1 NCI_CGAP_Brn64 cDNA clone IMAGE:4183511 5', mRNA sequence /clone=IMAGE:4183511 /clone_end=5' /gb=BF340626 /gi=11287186 /ug=Hs.405924 /len=1036	BF340626	Hs.405924	
14872	0.027356	UI-H-EU0-azs-i-07-0-UI.s1 NCI_CGAP_Car1 cDNA clone IMAGE: 5853006 3', mRNA sequence /clone=IMAGE:_5853006 /clone_end=3' /gb=BQ183049 /gi=20358599 /ug=Hs.442214 /len=913	BQ183049	Hs.442214	
14875	0.040325	RC1-NN0073-090500-012-f02 NN0073 cDNA, mRNA sequence /gb=AW898615 /gi=8062820 /ug=Hs.130729 /len=660	AW898615	Hs.130729	



Genes Corresponding To Differentially Expressed Genes in Figure 16 - LungDisease					
Spot	p-value	Description	Gene Accession No.	Unigene Accession No.	Protein Accession No.
14906	0.01302	EST, cDNA: FLJ21479 fis, clone COL05032 /cds=UNKNOWN /gb=AK025132 /gi=10437589 /ug=Hs.139315 /len=1920	AK025132	Hs.397727	NP_004710
14911	0.044259	UI-1-BB1p-akk-b-05-0-UI.s1 NCI_CGAP_PI6 cDNA clone UI-1-BB1p-akk-b-05-0-UI 3', mRNA sequence /clone=UI-1-BB1p-akk-b-05-0-UI /clone_end=3' /gb=BU753775 /gi=23712051 /ug=Hs.279870 /len=1533	BU753775	Hs.279870	
14912	0.048502	cDNA FLJ25001 fis, clone CBL00443	AK057730		NP_203524
14947	0.028482	EST(cDNA clone IMAGE:3267894 3' )	BF435209		
14952	0.016232	RC1-DT0029-120100-011-h01 DT0029 cDNA, mRNA sequence /gb=AW579207 /gi=7254256 /ug=Hs.414692 /len=697	AW579207	Hs.414692	
14955	0.040325	No significant match	SEQ.ID.No.32		